



SHRIRAM PISTONS & RINGS LTD.

MD: TS: 33/NOV'24

INTRODUCTION CIRCULAR – JCB 105mm/ TC - 'SSTR' RING SET

USHA is pleased to launch **JCB 105mm/ TC 'SSTR'** ring set in its aftermarket Construction / Off-road equipment product range.

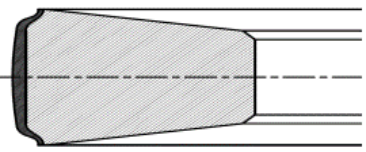
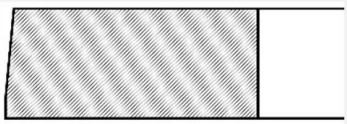
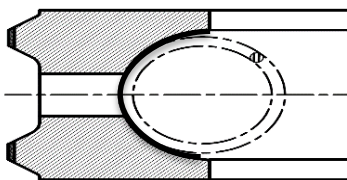


This ring set has following special features:

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 & prevents ring sticking inside the groove.
		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 & 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 scraping at all times.
		Chrome Plated(ID & OD) & Profile Ground Ring Lands	Ring lands are made uniform throughout the periphery for an effective sealing and efficient scraping 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 & lesser wear.

Technical data of **JCB 105mm/ TC 'SSTR'** ring set is as under:

TECHNICAL DATA- JCB 105mm & TC - 'SSTR' RING SET (ø 105.00 mm)						
						USHA Code → T41/T42
Ring	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top	CRKSS	3.00	0.30-0.50	12-20	Chrome Plating	
2 nd	T	2.00	0.25-0.50	10-20	Parkerising	
Oil	HTCR (PGV)	4.00	0.25-0.55	10-22	Chrome Plated lands & ID/ Parkerising	

USHA **JCB 105mm/ TC 'SSTR'** ring set is specially designed to reduce oil consumption & blow-by for an excellent performance.



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