

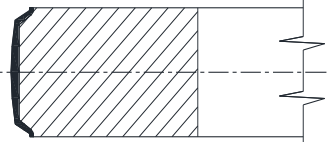
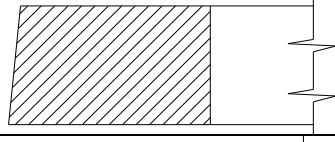
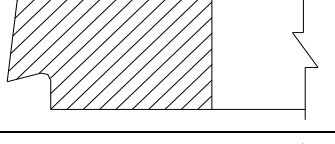
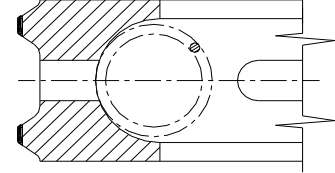
TECHNICAL BULLETIN - LOMBARDINI 530 “HTCR” RING SET

USHA is pleased to introduce Lombardini 530 “HTCR” Ring set in our 3-Wheeler product range.

This ring set has following special features:

ITEM	CONFIGURATION	FEATURES	Benefits to Customer
TOP RING	Chrome Compression Ring	Chrome Plating	Outer face of ring is Chrome plated which provides excellent wear & corrosion resistance.
		Parkerising	Ring is parkerised to provide porous surface for oil retention on side faces resulting in better lubrication & hence lesser wear.
2nd RING	Taper Compression Ring	Taper face	Ring has Taper on OD to provide line contact with the liner resulting in higher wall pressure & hence better sealing.
		Parkerising	This ring is also parkerised to provide porous surface for oil retention resulting in better lubrication & hence lesser wear.
3rd RING	Napier	Scraper Notch	Notch at the bottom outer face of the ring facilitates better oil control through scraping and restricting its upward movement.
			This ring is also parkerised to provide porous surface for oil retention & hence better lubrication.
OIL RING	Spring Loaded Chrome Oil Ring (HTCR)	Highly Conformable	This oil ring has capability to conform itself to the varying wear of cylinder liner which ensures perfect sealing & excellent oil scraping.
		Chrome Plating/ Parkerising	Lands are Chrome plated to provide excellent wear & corrosion resistance. This ring is also parkerised.

Technical data of Lombardini 530 "HTCR" ring set is as under:

TECHNICAL DATA- LOMBARDINI 530 RINGS (ø 82 mm)						
USHA Code- S36						
Ring	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top	Chrome Compression	2.00	0.25-0.40	10-16	OD Chrome & Parkerising	
2 nd Ring	Taper	2.00	0.25-0.40	10-16	Parkerising	
3 rd Ring	Napier	2.00	0.25-0.40	10-16	Parkerising	
Oil Ring	High Tension Chrome Conformable	5.00	0.25-0.50	10-20	Chrome plating on ring lands & Parkerising	

USHA Lombardini 530 "HTCR" ring set is designed for low oil consumption & blow-by.