

TECHNICAL PRODUCT NEWS- VST 130 DI Ring Set

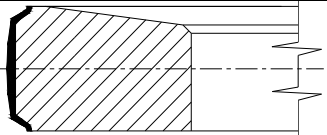
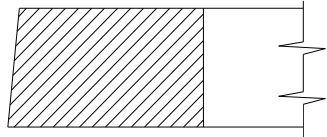
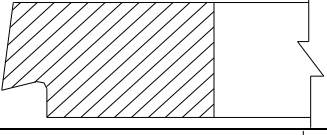
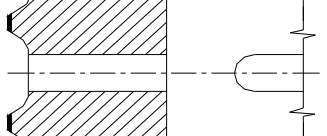
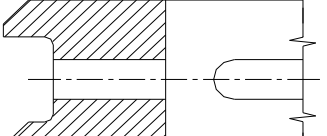
USHA is pleased to introduce VST 130 DI '**Napier Chrome**' ring set in our Tractor Tiller range.

This ring set has following special features:

ITEM	CONFIGURATION	FEATURES	Benefits to Customer
TOP RING	Half Keystone Chrome Ring	Half Keystone	Special Keystone geometry squeezes out excess oil from inside the groove & hence prevents carbon deposition for longer life.
		Chrome Plating	Chrome plating provides excellent wear & corrosion resistance. Ring is parkerised to provide porous surface for oil retention & hence better lubrication, thereby improving life of ring & cylinder liner.
2nd RING	Taper Compression Ring	Taper face	Ring has a Taper face on OD surface to provide line contact with liner & hence it provides higher wall pressure & better sealing.
		Parkerising	Ring is parkerised to provide porous surface for oil retention & hence better lubrication.
3rd RING	Taper Napier	Taper Napier	Ring has Taper face on OD surface & Napier cut on lower outer edge of the ring to accumulate excess oil & scraping it to the crankcase.
		Parkerising	Ring is parkerised to provide porous surface for oil retention & hence better lubrication.
4th RING	Oil Chrome Ring (PGV)	Profile Ground (PGV)	Lands are Profile Ground to ensure uniform thickness across the periphery of ring for uniform wall pressure & effective oil scraping for lower oil consumption.
		Chrome Plating	Lands are Chrome plated to provide excellent wear & corrosion resistance. Ring is parkerised to provide porous surface for oil retention & hence better lubrication.

5th RING	Parallel Bevel Oil Ring	Parallel Bevel	Lands have bevelling on top outer edges, cross section area is reduced to create more wall pressure leading to better sealing & oil scraping.
		Parkerising	This ring is also parkerised to provide porous surface for oil retention & hence better lubrication.

The Technical data for VST 130 DI ring set is as under:

TECHNICAL DATA- VST 130 DI 'Napier Chrome' R/S (ø 95 mm)						
Ring	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top	Half Keystone Chrome Compression	2.563	0.30-0.50	12-20	Chrome Plated	
Second	Taper Compression	2.50	0.30-0.50	12-20	Parkerised	
Third	Taper Napier	2.50	0.30-0.50	12-20	Parkerised	
Fourth	Chrome Ring (PGV)	4.00	0.30-0.55	12-22	Chrome Plating/ Parkerised	
Fifth	Parallel Bevel Ring	4.00	0.30-0.55	12-22	Parkerised	

VST 130 DI '**Napier Chrome**' ring set has unique design for low oil consumption & blow-by.