

# MENON<sup>TM</sup>



Pistons & Rings



MENON PISTONS LTD.

PRODUCT CATALOGUE

[www.menonpistons.com](http://www.menonpistons.com)



# Product Catalogue

( Published on January 2019 )

## PISTON NOMENCLATURE

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PLAIN	- CONVENTIONAL ( PARALLEL GROOVE)	DI	- DIRECT INJECTION
KS	- KEY STONE GROOVE	SE	- PISTON HAVING 32.00 MM PIN BORE
HKS	- HALF KEY STONE GROOVE	LT	- LUG TYPE
RCP	- RING CARRIER PISTON (SINGLE & DUAL ALFIN)	DP	- DRAIN POCKET
RCP (KS)	- RCP WITH KEYSTONE GROOVE	NA	- NATURAL ASPIRATED
SHIM	- STEEL SHIM FITTED IN TOP GROOVE	TC	- TURBO CHARGED
CK80A	- MPL 1302	AC	- AIR COMPRESSOR
C9OB	- MPL 1501	IDI	- IN DIRECT INJECTION
		FT	- FLAT TOP

## RING NOMENCLATURE

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### 1. MATERIAL

C-	CAST IRON
D	- S. G. IRON
S	- STAINLESS STEEL
SS	- SPECIAL STEEL

### 2. PROFILE

B	- BARREL LAPPED
P	- PLAIN FACE
T	- TAPER FACE
TN	- TAPER FACE NAPIER
TR	- TAPER FACE REVERSE TORSION
TV	- TAPER FACE I.D. BEVEL / STEP

V-	I.D. BEVEL STEP
N-	PLAIN NAPIER
G-	PROFILE GROUND
CZ-	PLAIN OIL

### 3. FACE

K-	KEYSTONE
HK-	HALF KEYSTONE

### 4. WEAR COATING

C-	OVERLAY CHROME
IC-	INLAY CHROME
IM-	INLAY MOLY

M-	OVERLAY MOLY
GN-	GAS NITRIDING

### 5. EXPANDER

SL-	SPRING LOADED
HS-	HELICAL SPRING
Z-	NO SPRING
SLR-	CHORDS
H-	HUMP

FOR EXAMPLE  
TATA 697 3RV ( 2.5 mm)  
SPL. STEEL MOLY SL STD  
HILL STAR

SSBKIM	- SPECIAL STEEL BARREL LAPPED KEYSTONE INLAY MOLY
DTRC	- SG IRON TAPER FACE REVERSE TORSION CHROME
CGCSL	- CAST IRON PROFILE GROUND OVERLAY CHROME SPRING LOADED

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# About Menon Pistons Ltd.

Menon Pistons Ltd. is one of the leading manufactures in India for aluminium alloy Pistons, Piston Pins and Piston Rings for passenger cars, Heavy and Light Commercial vehicles, Heavy Duty diesel engines for power generation and earth movers, Compressors etc. Company has a technical collaboration with Dong Yang Piston Co. Ltd., South Korea. MPL is the first company in India to develop Austenitic Ring carrier ( Alfin )Pistons. With the three manufacturing plants located in & around Kolhapur, the company manufactures 200000 nos. Pistons per month within a diameter range from 42 mm to 205 mm and weights from 75 gms. to 7.00 kg. Apart from the fact that MPL is pioneer in developing Ni Resist single ring carrier ( Alfin )Pistons 31 years ago, even today Menon is the only company making pistons with Dual-Ring carriers and Articulated pistons. Menon Pistons Ltd. was awarded Q.S. 9000 certification by TUV, in 1998 and recertified in 2004. Presently is ISO / TS 16949 certified with design.

Major OE customers of MPL include Cumins India, Escort, KOEL, Maruti - Suzuki, TELCO, BEML, Komastu, New Holland, Ford to name a few. MPL Exports almost 20% of its products to the USA. Latin America, UK, Germany, France, Turkey, Israel, Singapore, Japan, Iran, Dubai, SriLanka, Bangladesh etc. Every new product developed is tested on in-house test beds in respect of oil consumption, fuel efficiency, life & emission norms etc. before it is launched in the market.



## Continuos Upgradation & Assimilation of Global Technology through Collaborations with world leaders :



Signed Collaboration Agreement with Nippon Piston Ring Company, Japan to manufacture Piston Rings.

1985



Tie-up with Izumi Industries Ltd, Japan - One of the leading Diesel Engine Piston manufacturers

1996



Technology Upgradation Agreement with Sakura Kogyo Co. Ltd, Japan for manufacture of Pistons.

1985



Signed Technical License agreement with DONG YONG PISTONS Co. LTD., South Korea

2006



Menon Pistons Ltd. is amongst the few companies in the country having fully integrated manufacturing facilities, under one roof, to produce a wide range of pistons with a wide array of features.

Visual Inspection  
Department at  
Menon Piston Rings Ltd.



# About Menon Piston Rings Ltd.

Menon Piston Rings Ltd., started its operations in 1996 to cater to the increasing demand of new generation piston rings for both automotive and industrial applications within a diameter range of 60mm to 205mm. One of the unique features of the plant is that it has a comprehensive manufacturing facility with in-house capability for the entire ring manufacturing process including specialised ring foundry, grinding shop, machining plant, wear coating facility and surface treatment equipment etc. The machining plant equipments like profile turning machine, profile grinding machine, key stone equipment etc. are sourced from world renowned manufacturers. Similarly wear coating facilities include plasma coating, DLC, PVD & HVOF coating facilities, gas nitriding plant apart from normal chrome plating plant.

Menon piston rings manufactures more than 8 million piston rings which cover a wide variety of applications including gasoline engine for cars, light duty diesel engines, heavy duty diesel engines for automobile and industrial use, diesel engines for tractors and other off road vehicles. Apart from supplies to indigenous and overseas OEM customers piston rings are exported to customers in US, Europe, Latin America, Singapore & South East Asia.

The company has received ISO/TS 16949 certification with design capability.

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MPR's main manufacturing facility at Toap, MIDC, Kolhapur. Land Area : 25330 sq / meters, Built-up Area : 5798 sq / meters  
Rings Production Capacity : More than 8 million rings per annum





Menon Piston Rings Pvt. Ltd. is amongst the few companies having fully integrated manufacturing facilities, under one roof, to process a full spectrum of piston rings material, a variety of Ring Profiles / Cross Sections, & surface treatment facilities covering a wide range of surface protective coating materials & processes. Our manufacturing infrastructure can handle a wide variety of metal alloys, features, coatings, & diameter ranges.

Visual Inspection  
Department at  
Menon Piston Rings Ltd.





# COMMERCIAL VEHICLES HCV & LCV



ENGINE SR. NO.	PISTON TYPE	CYLINDER NO.&DIA.	PRODUCT CODE	PISTON SPECIFICATION					PIN SPECIFICATION				RING SPECIFICATION					
				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
TATA 92 1210 (2.5mm)4RV	RCP SE	6 92.00	FN019350	C90B	0.10	91.88	65	105.00	17 CR3	32	16	78	TATA 692 5RV (2.5 mm) SGL SL	FI014650	DBC	2.480	0.20-0.40	STD
															CT	2.480	0.25-0.40	0.020
TATA 92 1210 (2.5mm) 5RV	RCP SE	6 92.00	FN020350	C90B	0.10	91.88	65	105.00	17 CR3	32	16	78	TATA 692 5RV (2.5 mm) SGL SL	FI014650	CTN	2.480	0.25-0.40	0.030
															CGCSL	5.480	0.25-0.40	0.040
															CCZ	5.480	0.25-0.40	
TATA 92 1210 (3 mm) 5RV	SHIM SE	6 92.00	FN017250	C90B	0.10	91.88	65	105.00	17 CR3	32	16	78	TATA 692 5RV (3.0 mm) SGL SL	FI015650	DBC	2.980	0.25-0.40	STD
TATA 92 1210 (3 mm) 5RV	RCP SE	6 92.00	FN021350	C90B	0.10	91.88	65	105.00							CT	2.980	0.25-0.40	0.020
TATA 92 1210 (3 mm) 5RV	RCP DI	6 92.00	FN022350	C90B	0.10	91.88	65	115.50	17 CR3	32	16	78	TATA 692 5RV (3.0 mm) SGL SL	FI010306	CTN	2.980	0.25-0.40	0.030
TATA 92 1210 (3 mm) 5RV	RCP SE	6 92.00	FN021350	C90B	0.10	91.88	65	105.00							CGCSL	5.480	0.25-0.40	0.040
TATA 92 1210 3RV (Old)	RCP (KS) SE	6 92.00	FN026350	C90B	0.11	91.88	65	105.00	17 CR3	32	16	78	TATA 692 3RV SGL GOLD CTB (2.5 mm) SGL SL	FI014106 FI026660	DBKC	2.500	0.20-0.40	STD
TATA 92 1210 3RV	RCP (KS) SE	6 92.00	FN044350	C90B	0.11	91.88	65	105.00							DTN	2.480	0.20-0.40	0.020
															CGCSL	3.980	0.20-0.40	0.030 0.040

Conversion : All Dimensions are in mm, except where specified in inches  
1 inch = 25.4 mm. Example, ove size 0.020" - 0.50 mm \* Only Rings

ENGINE SR. NO.	PISTON TYPE	CYLINDER NO.&DIA.	PRODUCT CODE	PISTON SPECIFICATION					PIN SPECIFICATION				RING SPECIFICATION									
				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE				
														TATA 692 3RV TOP STEEL CTB	FI026670 FI010706	SBKC DTN CGCSL	2.500 2.480 3.980	0.20-0.40 0.20-0.40 0.20-0.40	STD			
														TATA 692 3RV MOLY GOLD	FI026620 FI012506	SBKC DTN CGCSL	2.500 2.480 3.980	0.20-0.40 0.20-0.40 0.20-0.40	STD			
														TATA 692 3RV HILL STAR	FI026640 FI014506	DBKIM DTRC CGCSL	2.500 2.480 3.980	0.20-0.40 0.20-0.40 0.20-0.40	STD			
TATA 697 3RV NA	RCP (KS)	6 97.00	FN027350	C90B	0.11	96.88	65.20	105.20	17 CR3	36	17	80	TATA 697 3RV SGL GOLD CTB	FI027680 FI010806	SBKC DTN CGCSL	2.500 2.480 3.980	0.20 - 0.40 0.20 - 0.40 0.20 - 0.40	STD				
TATA 697 3RV TC	RCP (KS)	6 97.00	FN027360	C90B	0.11	96.88	65.20	105.20					TATA 697 3RV SGL HP VICTOR	FI015406 FI251660	DBKIM CTR SGNSL	2.500 2.480 3.980	0.20 - 0.40 0.20 - 0.40 0.25 - 0.35	STD				
TATA 697 3RV NA (Slipper Type)	CHAMP RCP (KS) DP	6 97.00	FN251350	C90B	0.11	96.88	65.20	105.20					TATA 697 3RV HILL STAR	FI014406 FI027670	DBKIM DTRC CGCSL	2.500 2.480 3.980	0.20 - 0.40 0.30 - 0.50 0.20 - 0.40	STD				
TATA 697 3RV NA Bharat - III	BHARAT III RCP (KS) DP	6 97.00	FN259350	C90B	0.11	96.88	65.20	105.20					TATA 697 3RV PLASMA GO PLUS	FI015506 FI250640	SBKM DTN CGCSL	2.500 2.480 3.980	0.20 - 0.35 0.20 - 0.40 0.25 - 0.40	STD				
TATA 697 TC CMVR 2000 (3RV)	RCP (KS) DP	6 97.00	FN253360	C90B	0.11	96.88	65.20	99.20					TATA 697 3RV MOLY GOLD	FI012306 FI027600	DBKIM CTR CGCSL	2.500 2.480 3.980	0.20 - 0.40 0.20 - 0.40 0.25 - 0.40	STD				
TATA 697 CMVR EURO II	RCP (KS)	6 97.00	FN253370	C90B	0.11	96.88	65.20	99.20					TATA 697 3RV STEEL NITRO SHIELD	FI602706	SBKGN DTRC SGNSL	2.500 2.480 3.980	0.20 - 0.40 0.20 - 0.40 0.25 - 0.40	STD				
TATA 697 EURO JET	RCP (KS)	6 97.00	FN272350	C90B	0.11	96.88	65.20	100.20														

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				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE			
TATA 697 TURBO STAR	RCP (KS)	6 97.00	FN274390	C90B	0.11	96.89	65.25	100.65	17 CR3	36	17	80									
TATA 697 CNG	RCP (KS)	6 97.00	FN253350	C90B	0.11	96.88	64.05	98.05					As per Page No. 2								
TATA 608 W/O SLIPPER	RCP (KS)	6 97.00	FN204360	CK80A	0.11	96.88	58.50	93.50													
TATA 608 SLIPPER	RCP (KS) DP	6 97.00	FN248360	CK80A	0.11	96.88	58.50	93.50													
TATA 697 EURO STAR	RCP (KS)	6 97.00	FN274360	C90B	0.11	96.88	65.25	100.65	17 CR3	36	17	80	TATA 697 TURBO POWER	FI 600806	DBVKIM DTRC SGNSL	2.500 2.500 3.000	0.20 - 0.40 0.30 - 0.50 0.25 - 0.45	STD			
													TATA 697 EURO II TURBO SPECIAL	FI 608206	DBVKIM CTV SGNSL	2.500 2.500 3.000	0.20 - 0.40 0.30 - 0.50 0.25 - 0.45	STD			
TATA 697 EURO III	RCP (KS)	6 97.00	FN274370	C90B	0.11	96.88	65.25	100.65	17 CR3	36	17	80	TATA 697 EURO -III 15°	FI602406	DBVKIM DTRC SGNSL	3.000 2.500 3.000	0.20 - 0.40 0.30 - 0.50 0.25 - 0.45	STD			
TATA 697 EURO III SUPER TURBO 4MM	RCP (KS)	6 97.00	FN274570	C90B	0.11	96.88	65.25	100.65	17 CR3	36	17	80	TATA 697 EURO -III SUPER TURBO 4MM	FI0111306	DBVKIM DTRC SGNSL	3.000 2.500 3.980	0.20 - 0.40 0.30 - 0.50 0.25 - 0.45	STD			

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				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE		
TATA 497 LCV/TATA 407 SP	RCP (KS)	4 97.00	FN204350	CK80Y	0.11	96.88	58.50	93.50	17 CR3	36	17	80	TATA 407 / 497 SGL GOLK CTB	FI010804 FI027480	DBKC DTN CGCSL	2.500 2.480 3.980	0.20 - 0.40 0.30 - 0.50 0.20 - 0.40	STD 0.005		
TATA LP 609 NA	RCP (KS) DP	4 97.00	FN234350	C90B	0.11	96.88	65.20	105.20					TATA 407/ 497 3RV MOLY GOLD	FI012304 FI027400	DBKIM DTRC CGCSL	2.500 2.480 3.980	0.20 - 0.40 0.30 - 0.50 0.20 - 0.40	STD		
TATA 497 TC / 609 TC	RCP (KS) DP	4 97.00	FN234360	C90B	0.11	96.88	65.20	105.20					TATA 407 3RV HILLS STAR STD	FI014404 FI027470	DBKIM DTRC CGCSL	2.500 2.480 3.980	0.20 - 0.40 0.30 - 0.50 0.20 - 0.40	STD		
TATA 497 LCV / 407 SLIPPER	RCP (KS) DP	4 97.00	FN248350	CK80A	0.11	96.88	58.50	93.50					TATA 497 3RV HP SUPREME	FI014706 FI251650	DBKIM DVIM SGNSL	2.500 2.480 3.980	0.20 - 0.40 0.20 - 0.40 0.20 - 0.40	STD		
TATA 407 NEW RC (CMVR 2000)	RCP (KS) DP	4 97.00	FN248370	CK80A	0.11	96.88	58.50	93.50					TATA 497 3RV HP VICTOR	FI015404	DBKIM DTRC SGNSL	2.500 2.480 3.980	0.20 - 0.40 0.30 - 0.50 0.20 - 0.40	STD		
TATA 4SP TC SPACIO EURO - I	RCP (KS) DP	4 97.00	FN249350	C90B	0.11	96.88	58.50	93.50					TATA 497 STEEL NITRO SHIELD	FI602704	SBKGN DTRC SGNSL	2.500 2.480 3.980	0.20 - 0.40 0.30 - 0.50 0.20 - 0.40	STD		
TATA 497 CMVR EURO - II	RCP	6 97.00	FN253390	C90B	0.12	96.55	65.2	99.2												
TATA 497 TURBO STAR	RCP	4 97.00	FN274320	CK80A	0.12	96.88	65.25	100.65												
4SPNA SPACIO EURO II	RCP (KS)	4 97.00	FN258350	CK80A	0.11	96.89	58.80	94.00					17 CR3	36	17	80.00	TATA 497 STEEL NITRO SHIELD	FI602704	SBKGN DTRC SGNSL	2.500 2.480 3.980

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				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE	
TATA 407 CNG	RCP(KS)	4 97.00	FN258360	CK80A	0.12	96.88	57.00	92.00	17 Gr3	36.00	17.00	80	TATA CNG	FI015704	DBIM CTR CGCSL	2.500 2.000 3.980	0.20 - 0.40 0.25 - 0.45 0.20 - 0.40	STD	
TATA 4SP NA SPACIO BS-III	RCP (KS)	4 97.00	FN270350	CK80A	0.110	96.89	58.80	93.80	17 CR3	36.00	17.00	80.00	TATA 4SP NA TURBO POWER	FI600804	DBVKIM DTRC SGNSL	2.500 2.480 3.000	0.20 - 0.40 0.30 - 0.50 0.25 - 0.45	STD 0.005	
TATA 497 X 128 BS-II	RCP (KS)	4 97.00	FN274350	CK80A	0.110	96.88	65.25	100.65											
TATA 497 TC BS-IV	RCP (KS)	4 97.0	FN291350	CK80A	0.10	96.9	62.3	100.5	17 Gr3	36.0	17.0	80.0	RING SET TATA 407 3RV (EURO-III/ BS-IV) 15° (W/C)	FI602404	DBKIM DTRC SGNSL	3.000 2.480 3.000	0.20 - 0.40 0.30 - 0.50 0.25 - 0.45	STD	
4SPTC IC E-III (MECH FIP)	RCP (KS)	4 97.0	FN270370	CK80A	0.10	96.9	58.8	93.8											
4SPTC IC E-III (100 PSI) ELECTRIC FIP	RCP (KS)	4 97.0	FN270360	CK80A	0.10	96.9	58.8	93.8											
TATA 497TC EURO-III	RCP	4 97.00	FN274340	CK80A	0.12	96.88	65.25	100.65											
497 SUPER TURBO	RCP(KS)	4 97.00	FN274540	CK80A	0.114	96.89	65.25	100.65	17 Gr3	36.0	17.0	80.0	RING SET TATA 407 EURO-III SUPER TURBO (4mm STEEL G/N OIL)	FI0111304	DBKIM DTRC SGNSL	3.000 2.500 4.000	0.20 - 0.40 0.30 - 0.50 0.20 - 0.40	STD	
TATA 4SPTC BS-IV	RCP (KS)	4 97.0	FN290350	CK80A	0.10	96.9	58.5	93.8	17 Gr3	36.0	17.0	80.0							

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				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
TATA OM 352 4RV	RCP (KS)	6 97.00	FN236360	C90B	0.11	96.88	65.20	115.70	17 CR3	36	17	82.50	TATA OM 352 4RV	FI019506 FI236660	DBKC CT CT CGCSL	3.00 3.00 3.00 5.50	0.20 - 0.40 0.20 - 0.40 0.20 - 0.40 0.30 - 0.50	STD 0.005
TATA OM 352 5RV	RCP (KS)	6 97.00	FN236350	C90B	0.11	96.88	65.20	115.70	17 CR3	36	17	82.50	TATA OM 352 5RV	FI019506 FI236660	DBKC CT CT CGCSL CZ	3.00 3.00 3.00 5.50 5.50	0.20 - 0.40 0.20 - 0.40 0.20 - 0.40 0.30 - 0.50 0.30 - 0.50	STD 0.005
TATA CUMMINS EURO - I	RCP (KS) DP	6 102.00	FN765350	CK80A	0.12	101.88	71.68	105.51	17 CR3	40	19.70	82.75	TATA CUMMINS SGL GOLD CTB DURA BLAST	FI012106 FI744650	DBKC DTR CGCSL	3.000 2.330 3.980	0.30 - 0.50 0.30 - 0.50 0.20 - 0.40	STD 0.005
TATA CUMMINS EURO II	RCP (KS) DP	6 102.00	FN818350	CK80A	0.12	101.88	71.58	105.41										
TATA CUMMINS EURO III MODIFIED	RCP (KS) DP	6 102.00	FN794360	CK80A	0.12	101.88	71.385	105.21										
AMW 6632	RCP (KS) DP	6 102.00	FN794370	CK80A	0.12	101.88	71.68	105.5										
TATA CUMMINS EURO IV	RCP (KS) DP	6 102.00	FN789450	CK80A	0.12	101.88	71.385	105.21										
TATA CUMMINS NITRO SHIELD	RCP (KS) DP	6 102.00	FN601906	CK80A	0.12	101.88	71.385	105.21										
													TATA CUMMINS TC HILL STAR	FI016006 FI744670	DBKC DTR CGCSL	3.00 2.39 4.00	0.30 - 0.50 0.30 - 0.50 0.25 - 0.45	STD 0.005
TATA CUMMINS 6BT CNG EURO PLUS	RCP (KS) DP	6 102.00	FN856370	CK80A	0.12	101.88	70.65	104.50	17 CR3	40	19.70	82.75	TATA CUMMINS 6BT CNG EURO PLUS	FI232106	DBC DTR CGCSL	2.400 2.330 3.980	0.30 - 0.50 0.30 - 0.50 0.20 - 0.40	STD

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				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
LEYLAND 370 (A)	RCP (KS)	6 104.00	FN004360	CK80A	0.135	103.220	82.09	145.59	17 CR3	33	16	90.90	LEYLAND 370 (A) K.S. PLAIN SL STD	FI082606 FI004680	CVK CVK CSL CZ	3.340 3.340 6.340 6.340	0.45 - 0.65 0.45 - 0.65 0.40 - 0.60 0.35 - 0.55	STD
LEYLAND 400	RCP (KS)	6 107.21	FN005350	CK80A	0.135	107.083	82.09	145.59	17 CR3	33	16	90.90	LEYLAND 400 CHRO SL	FI082706 FI005670	CBKC CK CCSL CZ	3.340 3.340 6.340 6.340	0.35 - 0.55 0.35 - 0.55 0.40 - 0.58 0.30 - 0.50	STD
													LEYLAND 400 (A) PLAIN SL	FI082006 FI005680	CK CK CSL CZ	3.340 3.340 6.340 6.340	0.35 - 0.55 0.35 - 0.55 0.40 - 0.58 0.30 - 0.50	STD
LEYLAND 401 4RV	RCP (KS)	6 107.25	FN006370	CK80A	0.177	107.073	82.09	145.60	17 CR3	33	16	90.90	LEYLAND 401/402 4RV HILL STAR	FI080106 FI006670	DBK DTV CGCSL CZ	2.380 2.370 4.750 4.750	0.30 - 0.50 0.30 - 0.50 0.30 - 0.50 0.30 - 0.50	STD
LEY-401 3RV SLEEPER	RCP(KS) DP	6 107.252	FN048360	CK80A	0.179	107.073	82.09	125.49	17 CR3	33	16.00	90.70	LEYLAND 401/402 3RV HILL STAR	FI081006 FI006680	DBKIM DTV CGCSL	2.380 2.370 4.750	25 - 0.40 0.30 - 0.55 0.30 - 0.50	STD
LEYLAND 402 (A) 4RV	RCP (KS)	6 107.25	FN007370	CK80A	0.177	107.073	82.09	145.60	17 CR3	41.28	19	88.85	LEYLAND 401 / 402 (4RV) PLASMA POWER	FI081106 FI006620	DBKIM DTV CGSL CZ	2.380 2.370 4.750 4.750	0.25 - 0.40 0.40 - 0.55 0.30 - 0.50 0.30 - 0.50	STD
LEYLAND 412	RCP (KS)	6 107.25	FN040360	CK80A	0.177	107.073	82.09	145.60	17 CR3	41.28	19.30	88.85 412	LEYLAND 412 SGL GOLD CT CTB	FI080206 FI040660	DBKC DIV CGCSL	3.180 2.370 4.750	0.30 - 0.50 0.30 - 0.50 0.30 - 0.50	STD
LEYLAND 402 / 412 EURO 1	RCP (KS) DP	6 107.25	FN053350	CK80A	0.11	107.14	82.09	125.09	17 CR3	41.28	19.30	88.85 412	LEYLAND 412 (3RV) PLASMA POWER	FI081006 FI040680	DBKIM DTV CGCSL	3.180 2.370 4.750	25 - 0.40 0.30 - 0.55 0.30 - 0.50	STD
LEYLAND 401 EURO 1	RCP (KS) DP	6 107.25	FN048370	CK80A	0.17	107.073	82.09	125.49	17 CR3	33	16	90.90						

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ENGINE SR. NO.	PISTON TYPE	CYLINDER NO.&DIA.	PRODUCT CODE	PISTON SPECIFICATION					PIN SPECIFICATION				RING SPECIFICATION					
				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
LEYLAND HIND W06 E	RCP (KS)	6 104.00	FN037300	CK80A	0.12	103.88	60.19	106.19	17 CR3	35	18.20	84.70	LEYLAND HINO W06E ALFIN TOP STEEL CTB	FI080406 FI037600	SSBKC CTN CGCSL	2.800 2.480 4.980	0.30 - 0.42 0.30 - 0.42 0.30 - 0.42	STD
LEYLAND HINO W06 D	RCP (KS)	6 104.00	FN051350	CK80A	0.12	103.88	62.69	108.69					LEYLAND HINO 6DTI E-II EURO POWER	FI084406	DBKC CTV CGCSL	3.000 2.500 5.000	0.30 - 0.50 0.30 - 0.50 0.30 - 0.42	STD
LEYLAND HINO W06 E	RCP	6 104.00	FN037350	CK80A	0.12	103.88	60.19	106.19	17 CR3	35	18.20	84.70	LEYLAND HIND W06E PLAIN SG CH SL OIL	FI082406	DBC DTV CGCSL	2.480 1.980 4.980	0.30 - 0.45 0.30 - 0.45 0.30 - 0.45	STD
LEYLAND HINO W06 E	PLAIN	6 104.00	FN042100	CK80A	0.132	103.868	60.19	106.19										
LEYLAND HIND W06D	PLAIN	6 104.00	FN046100	CK80A	0.12	103.88	62.69	108.69										
LEYLAND HINO DTI	RCP(KS)	6 104.00	FN055360	CK80A	0.1	103.9	62.69	108.69	17 Gr3	37.00	20.00	84.50	LEYLAND HINO 6DTI EURO II	FI084106	DBKC DTV CGCSL	2.800 2.480 4.980	0.30 - 0.45 0.30 - 0.45 0.30 - 0.45	STD
													LEYLAND HINO 6DTI E-II EURO POWER	FI084406	DBKC CTV CGCSL	3.000 2.500 5.000	0.30 - 0.50 0.30 - 0.50 0.30 - 0.42	STD
LEYLAND HINO DTI (4 CYL)	RCP(KS)	4 104.00	FN055340	CK80A	0.1	103.9	62.69	108.69	17 Gr3	37.00	20.00	84.50	LEYLAND HINO 6DTI EURO II	FI084104	DBKC DTV CGCSL	2.800 2.480 4.980	0.30 - 0.45 0.30 - 0.45 0.30 - 0.45	STD
LEYLAND 690	RCP (KS)	6 127	FN882350	CK80A	0.110	126.89	101.00	148.80	17 CR3	44.70	21.50	109						



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				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
LEYLAND IVECO	RCP (KS)	6 104	FN038360	CK80A	0.177	103.86	65.33	104.33	17 CR3	38.00	21.00	85.00	LEYLAND IVECO PREMIUM	FI083306	DBVKC CTV CGCSL	3.350 2.480 3.980	0.20 - 0.40 0.30 - 0.45 0.25 - 0.45	STD
LEYLAND HINO 6ETI	RCP (KS)	6 104	FN055370	CK80A	0.100	103.90	60.19	106.19	17 CR3	35.00	18.20	84.70	LEYLAND HINO 6ETI	FI083106	DBKIM CTV SGNSL	2.850 2.480 2.980	0.25 - 0.45 0.30 - 0.45 0.25 - 0.45	STD
LEYLAND 6DTI LT1	RCP(KS)	6 104.00	FN056350	CK80A	0.11	103.89	62.80	103.08	17 Cr3	37.0	20.0	84.5						
LEYLAND HINO DTI LT1 MODIFIED	RCP (KS)	6 104.0	FN082350	CK80A	0.10	103.9	62.7	108.7										
LEYLAND HINO DTIBS-III PSN	RCP (KS)	6 104.0	FN090360	CK80A	0.10	103.9	62.6	103.7										
LEYLAND HINO PLATFORM- A	RCP (KS)	6 104.0	FN090350	CK80A	0.10	103.9	62.7	103.7										
LEYLAND HINO PLATFORM-B	RCP (KS)	6 104.0	FN099350	CK80A	0.10	103.9	62.7	103.7										
													LEYLAND HINO 6DTI Ø104 EURO II P0954051	FI083606	DBKIM CTV CGCSL	3.000 2.500 3.000	0.25 - 0.45 0.30 - 0.50 0.25 - 0.45	STD

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				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
EICHER CANTER E-I	RCP (HKS)	4 100.00	FN257350	CK80A	0.13	99.873	60.6	110.6	17 Gr3	34.00	17.5	81.00	EICHER CANTER E-II	FI060804	DBKIC DTVC SGNSL	3.000 2.000 3.000	0.30 - 0.50 0.20 - 0.40 0.30 - 0.50	STD
EICHER CANTER E-II	RCP (KS)	4 100	FN257360	CK80A	0.127	99.873	60.63	110.63	17 CR3	34	18	71.50						
EICHER CANTER E-III	RCP (KS)	4 100	FN257370	CK80A	0.130	99.873	60.60/ 60.67	110.60 /110.67	17 CR3	34	17.70	81						
EICHER CANTER E-IV	RCP	4 100	FN294350	CK80A	0.13	99.87	60.65	90.10	17 Gr3	34.00	17.50	81.00						
SHAKTIMAN	PLAIN (KS)	6 100.00	FN032100	C90B	0.10	99.90	78.30	134.80	17 CR3	38	18	83	SHAKTIMAN CHROME SL STD	FI170206	DBKC CT CT CGCSL	3.000 3.480 6.480 4.980	0.35 - 0.55 0.35 - 0.55 0.35 - 0.55 0.25 - 0.40	STD 0.020
SHAKTIMAN	RCP (KS)	6 100.00	FN052350	C90B	0.10	99.90	78.30	134.80										

## NOTES



## Menon Pistons & Rings are Exported to over 20 countries across 4 continents

Menon Pistons & Rings exports 30% of its production to global OEMs across continents. This includes Europe, USA, Russia, Israel, China, Africa & many others.

# TRACTORS



ENGINE SR. NO.	PISTON TYPE	CYLINDER NO.&DIA.	PRODUCT CODE	PISTON SPECIFICATION					PIN SPECIFICATION				RING SPECIFICATION					
				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
MAHINDRA AVL 2500 DI 225 / 265 275 / 365	RCP (KS) DP	4 88.90	FN214350	CK80A	0.09	88.81	51.15	84.15	17 CR3	28.01	14.10	67	MAHINDRA AVL SGL GOLD CTB	FI020104 FI214450	DBKC CTV CGCSL	3.000 2.480 3.980	0.20 - 0.40 0.20 - 0.40 0.20 - 0.40	STD 0.005
													MAHINDRA AVL DI SUPER POWER	FI022704	DBKC CT CGCSL	3.000 2.480 3.980	0.20 - 0.40 0.20 - 0.40 0.20 - 0.40	STD
MAHINDRA MDI 3200 STD	RCP(KS)	4 88.9	FN214340	CK80A	0.09	88.81	51.3	84.1					MAHINDRA AVL DI SUPREME	FI021004 FI214460	SSBKC CT CGCSL	3.000 2.480 3.980	0.20 - 0.40 0.20 - 0.40 0.20 - 0.40	STD
MAHINDRA 3200 (LUG TYPE)	LT	4 90.00	FN356350	CK80A	0.090	88.81	51.30	108.30					MAHINDRA 4VL KISSAN GOLD	FI021604 FI214470	SSBICC CT CGCSL	3.000 2.480 3.980	0.25 - 0.45 0.20 - 0.40 0.20 - 0.40	STD
													MAHINDRA MDI3200	FI020604	DBKIC CT CGCSL	3.000 2.500 4.000	0.20 - 0.40 0.80 - 1.00 0.25 - 0.50	STD

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				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE								
PERKINS P3	PLAIN	3 88.91	FN028170	CK80A	0.10	88.81	57.23	108.30	17 CR3	31.75	16	75.30	PERKINS P3 SLR	FI028350 FI350203	CBC	2.370	0.20 - 0.40	STD								
PERKINS P3	SHIM	3 88.91	FN029270	CK80A	0.10	88.81	57.23	108.30							CT	2.370	0.20 - 0.40		CTN	3.150	0.20 - 0.40	CGCSL	6.340	0.20 - 0.40	CZ	6.340
PERKINS FC P4	PLAIN	4 88.91	FN028160	CK80A	0.10	88.81	57.23	108.30	17 CR3	31.75	16	75.30	PERKINS P4 SLR	FI028450 FI350504	CBC	2.370	0.20 - 0.40		STD							
PERKINS FC P4	SHIM	4 88.91	FN029260	CK80A	0.10	88.81	57.23	108.30							CT	2.370	0.20 - 0.40			SLR	3.150	0.20 - 0.40	CGCSL	6.340	0.20 - 0.40	CZ
PERKINS P6	PLAIN	6 88.91	FN028150	CK80A	0.10	88.81	57.29	108.30	17 CR3	31.75	16	75.30	PERKINS P6 SLR	FI350606 FI028650	CBC	2.370	0.20 - 0.40	STD								
PERKINS P6	SHIM	6 88.91	FN029250	CK80A	0.10	88.81	57.29	108.30							CT	2.370	0.20 - 0.40			SLR	3.170	0.20 - 0.40	CGCSL	6.340	0.20 - 0.40	CZ
PERKINS J-SERIES 3-2.4 ALFIN BS-III 12411	RCP	3 88.90	FN510360	CK80A	0.100	88.80	61.80	99.60	17 CR3	31.75	15	74	PERKINS P3 S3-2.4 (J SERIES)	FI350703	DBVC	2.480	0.30 - 0.45									
															CTV	2.480	0.20 - 0.40			CGCSL	4.480	0.20 - 0.40				
PERKINS P3 DI 3RV	SHIM	3 88.92	FN428260	CK80A	0.10	88.82	61.75	99.60	17 CR3	31.75	16	75.30														
PERKINS DNF (MF- 135) / (MF 245)	PLAIN	3 91.49	FN428250	CK80A	0.14	91.33	62.00	109.70													MF 135/ 245 SL 91.49	FI510103 FI428350	DBC	2.370	0.20 - 0.40	CT

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				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
PERKINS P3 DI 4RV	SHIM	3 88.83	FN428270	CK80A	0.1	88.825	61.75	99.6	17 Cr3	31.75	17.00	75.00						
PERKINS-12193	RCP	3 91.50	FN507350	CK80A	0.15	91.35	47.00	75.90	17 Cr3	31.75	16.00	75.00	PERKINS J SERIES 3RV S3 & S4 2.5	FI350903	DBC CC CGCSL	2.400 2.400 4.750	0.30 - 0.50 0.30 - 0.50 0.30 - 0.50	STD
EICHER 115 (24 HP) AS CAST CAVITY	PLAIN	1 115	FN401150	C90B	0.11	114.89	87.50	165	17 Cr3	40	20	93.00	EICHER 115 CHROME SL	FI060401 FI407150	CBC CV CTN CGCSL CZ	3.980	0.30 - 0.50	STD 0.005 0.010 0.020 0.030 0.040
EICHER 115Ø OPEN CAVITY	PLAIN	1 115.00	FN407100	C90B	0.11	114.89	87.5	165.00	17 Cr3	40	20	93.00				3.980 3.980 5.980 5.980	0.30 - 0.50 0.30 - 0.50 0.30 - 0.50 0.30 - 0.50	
EICHER 115Ø 3 RV	PLAIN	1 115.00	FN406150	C90B	0.12	114.88	76.00	121.00	17 Cr3	40.00	20.00	90.00	EICHER Ø115 3RV CH DL STD	FS 060301	CBC CT CGCSL	3.000 2.500 4.000	0.40 - 0.65 0.40 - 0.65 0.30 - 0.60	STD
EICHER 100 MM (35 HP) / EICHER 298(E) RICHARDO	PLAIN (KS)	2 100	FN402180	C90B	0.12	99.88	81	121	17 Cr3	35	16	88.00	EICHER 100 CHROMESO- ME 298 (E) RICHARDO	FI060102 FI402200	CBKC CT CGCSL	3.000	0.25 - 0.40	STD
EICHER 100 MM (35 HP) / EICHER 298(E)	PLAIN (KS)	2 100	FN504150	C90B	0.12	99.88	81	121								2.980	0.40 - 0.65	
EICHER 290 EDL (100 MM)	PLAIN (KS)	2 100	FN402160	C90B	0.12	99.88	81	121								3.980	0.25 - 0.55	

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				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
ESCORTS 312 D S	PLAIN	2 102.03	FN403150	CK80A	0.14	101.89	75.45	130.10	17 CR3	38	23.20	84	ESCORT 335 CHROME SL	FI160302 FI404250	CBC CP CP CCSL CZ	2.480 2.480 2.480 4.480 4.480	0.25 - 0.45 0.25 - 0.45 0.25 - 0.45 0.25 - 0.45 0.25 - 0.45	STD 0.010
ESCORTS 312 D S	SHIM	2 102.03	FN403200	CK80A	0.14	101.89	75.45	130.10										
ESCORTS 335 PLAIN (5 - 312C)	PLAIN	1 102.03	FN404150	CK80A	0.14	101.89	75.45	130.1	17 CR3	38	23.20	84						
ESCORTS 335 SHIM (5- 312 C)	SHIM	1 102.03	FN404200	CK80A	0.14	101.89	75.45	130.1										
ESCORT 345 / 355 1st CYL.	PLAIN	1 110.03	FN405150	CK80A	0.145	109.885	75.5	132.1	17 Cr3	42.00	20.00	90.00						
ESCORTS 345 / 355 2nd CYL.	PLAIN	1 110.03	FN 405160/70	CK80A	0.145	109.885	75.5	132.1	17 Cr3	42.00	20.00	90.00						
ESCORTS 312D JOSH	RCP	1 102.03	FN456350	CK80A	0.125	101.905	75.45	113.5	17 Cr3	40.00	23.00	82.00	ESCORTS 312 D JOSH	FI161602	DBC CT CGCSL	2.480 2.480 3.980	0.40 - 0.65 0.40 - 0.65 0.30 - 0.60	STD
ESCORTS FT 45	RCP DP	3 106.71	FN464350	CK80A	0.21	106.50	70.60	129	17 CR3	38.10	19	89.15	ESCORT FT45 PLAIN POCKET	FI161503	DBVC CTR CGCSL	2.38 2.38 4.00	0.30 - 0.50 0.35 - 1.55 0.35 - 1.55	STD
ESCORTS FT 45 PLAIN POCKET	CRP	6 106.692	FN915100	CK80A	0.155	106.537	70.60	129.00	17 CR3	38.10	22.50	88.90						
ESCORTS FT 45 (AVL)	RCP	3 106.932	FN481350	CK80A	0.35	106.582	60.91	105.00	17 Cr3	38.00	19.00	89.00						

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				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
ESCORTS FT 60	RCP DP	3 111.81	FN451350	CK80A	0.16	111.65	70.63	129.5	EN 353	38.10	19	89.15	ESCORTS FT 60(3RV) CHROME SL	FI161403	DBVC CTR CGCSL	2.360 2.360 4.740	0.33 - 0.58 0.35 - 0.65 0.33 - 0.58	STD 0.020 0.030 0.040
ESCORTS FT 60 W/O SLP. NEW HOLLAND 3630	RCP (KS)	3 111.797	FN469350	CK80A	0.158	111.639	70.65	129.5										
ESCORTS FT 60 (MODI.) (TOP LANDLESS)	RCP (KS)	3 111.77	FN469360	CK80A	0.12	111.65	70.625	129.5										
ESCORTS FT 60AVL	CRP	3 111.771	FN480350	CK80A	0.152	111.619	60.91	105.00	17 CR3	38.00	19.00	76.00	ESCORTS FT60/ FT70 EVL (E3.315)	FI163401	DBVC CTR CGCSL	2.400 2.400 3.500	0.30 - 0.55 0.35 - 0.55 0.40 - 0.65	STD
ESCORTS FT 70AVL	CRP	3 111.771	FN480360	CK80A	0.152	111.619	60.91	105.00	17 CR3	38.00	19.00	76.00						
ESCORTS E435/P.TRAC 439/465(FT35)	CRP	3 91	FN431360	CK80A	0.110	90.89	62.45	96.20	17 CR3	28	15.00	64.00	ESCORT E3.215 (FT35)	FI162903	DBVC CTV CGCSL	2.50 2.50 4.00	0.25 - 0.45 0.80 - 1.00 0.30 - 0.50	STD
ESCORTS E430 (FT30)	CRP	3 91	FN431350	CK80A	0.110	90.89	62.45	96.20										
ESCORTS RA2 WC 37K	PLAIN	3 100.00	FN408160	CK80A	0.14	99.76	88.00	131.00	17 G3	35.00	16.00	85.00	ESCORT RA2 TMA SWARAJ FE 725 5RV	FI750360 FI050403	DBCK CC CN CGCSL CCZ	3.00 3.00 3.00 5.00 5.00	0.30 - 0.50 0.25 - 0.45 0.25 - 0.45 0.25 - 0.45 0.25 - 0.45	STD

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				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE				
ESCORTS 340 P.TRACK 440/445	RCP(KS)	3 105.00	FN734360	CK80A	0.12	104.88	62.3	98.3	17 Cr3	34.00	17.00	84.00	RING SET ESCORT Ø105.00 & KIT ENGINE RING SET (E-340/440/ 450)	FI163503	DBVC CTV CGCSL	2.500	0.40 - 0.65	STD				
ESCORTS 340 AVL	RCP	3 105.0	FN734370	CK80A	0.11	104.9	62.3	98.3	17 Cr3	34.0	17.0	84.0				2.500	0.60 - 0.58					
FORD 3600 (A) FT 55	RCP	3 106.76	FN420360	CK80A	0.13	106.63	70.60	129	17 CR3	38.10	22.50	89.15	FORD 3600 CHROME SL	FI420350 FI040503	CBVC CBVL CTN CGCSL	2.370	0.30 - 0.50	STD 0.010 0.020				
FORD 3600 (A) (AS CAST POCKET)	RCP DP	3 106.76	FN447350	CK80A	0.13	106.63	70.60	129								2.370	0.30 - 0.50					
FORD 3600 (A) (AS CAST POCKET) GRAPHITE COATING	RCP DP	2 106.76	FN447360	CK80A	0.13	106.63	70.60	129.00								2.370	0.30 - 0.50					
FORD 3600 ALFIN MODI.	RCP	3 106.65	FN420370	CK80A	0.1	106.55	70.65	129.00								4.730	0.30 - 0.50					
FORD 3600 SHIM	SHIM	3 106.65	FN422250	CK80A	0.12	106.526	70.6	129.00														
FORD 3610 4RV	RCP DP	3 111.76	FN440380	CK80A	0.16	111.60	70.60	129.40								FORD3610 (4RV) CHROME SL	FI440360 FI040603		DBC CTVC CTV CGCSL	2.980 2.980 2.980 4.980	0.30 - 0.50 0.25 - 0.45 0.25 - 0.45 0.25 - 0.45	STD
FORD 3610 3RV	RCP DP	3 111.76	FN440390	CK80A	0.16	111.60	70.60	129.40								FORD 3610 (3RV) CHROME SL	FI440310 FI040303		DBC CTVC CGCSL	2.360 2.360 4.740	0.33 - 0.58 0.33 - 0.58 0.33 - 0.58	STD 0.020 0.030

Conversion : All Dimensions are in mm, except where specified in inches  
1 inch = 25.4 mm. Example, ove size 0.020" - 0.50 mm \* Only Rings

ENGINE SR. NO.	PISTON TYPE	CYLINDER NO.&DIA.	PRODUCT CODE	PISTON SPECIFICATION					PIN SPECIFICATION				RING SPECIFICATION					
				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
HINDUSTAN H 50/MHT 105 (OLD)	PLAIN	4 105	FN409150	CK80A	0.17	104.83	81.00	138.00	17 CR3	39.99	23	88	MHT 105 50 HP KISSAN GOLD	F1409470 F1530204	DBC CT CT CN	3.480 3.480 3.480 3.480	0.30 - 0.50 0.25 - 0.45 0.25 - 0.45 0.25 - 0.45	STD
HINDUSTAN G 614/ MHT 105 (MODIFIED)	PLAIN	4 105	FN411100	CK80A	0.17	104.83	80.93	137.80										
HINDUSTAN G453	PLAIN	3 102	FN412100	CK80A	0.10	101.90	66.50	116.50	17 CR3	35.00	16	85	HINDUSTAN G453 SL STD	F1500104	DBC CT CTN CGCSL	2.980 2.980 2.980 4.980	0.35 - 0.55 0.35 - 0.55 0.35 - 0.55 0.25 - 0.45	STD
HINDUSTAN G 754 ( H80)	PLAIN	4 111.22	FN430160	CK80A	0.20	111.025	80.95	139.74	17 CR3	40.00	23	94						
HINDUSTAN 110	SHIM	4 110	FN610260	CK80A	0.18	109.82	81.00	119.00	17 CR3	40.00	23	88						
HINDUSTAN 115/ RUSTON YDX SR III 'O' TYPE STD	PLAIN	1 115.00	FN661110	CK80A	0.24	114.76	84.12	131.8	17 Cr3	41.28	22.00	97.65						

ENGINE SR. NO.	PISTON TYPE	CYLINDER NO.&DIA.	PRODUCT CODE	PISTON SPECIFICATION					PIN SPECIFICATION				RING SPECIFICATION					
				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
HMT ZETOR 2011	PLAIN	2 95	FN415150	CK80A	0.11	94.89	66.50	114.50	17 CR3	35.00	20	77	HMT ZETOR 95 CHROME SL 2011	FI415250 FI470302	CBC CT CTN CGCSL CZ	2.980 2.480 2.980 4.980 4.980	0.25 - 0.45 0.20 - 0.40 0.20 - 0.40 0.20 - 0.40 0.20 - 0.40	STD 0.010 0.040
HMT ZETOR 2011	SHIM	2 95	FN415250	CK80A	0.11	94.89	66.50	114.50	17 CR3	35.00	20	77	HMT ZETOR 95 KISSAN GOLD 2011	FI415270 FI470402	DBC CT CTN CGCSL CZ	2.980 2.980 2.980 4.980 4.980	0.25 - 0.45 0.20 - 0.40 0.20 - 0.40 0.20 - 0.40 0.20 - 0.40	STD 0.010 0.040
HMT ZETOR 5911	PLAIN	4 100	FN418150	CK80A	0.10	99.90	66.50	116.50	17 CR3	35	16.10	85	HMT ZETOR 5911 CHROME SL	FI418450 FI470204	CBC CT CT CGCSL	2.980 2.980 2.980 4.980	0.30 - 0.50 0.25 - 0.45 0.25 - 0.45 0.25 - 0.45	STD
HMT ZETOR 5911	SHIM	4 100	FN418250	CK80A	0.10	99.90	66.40	116.50	17 CR3	35	16.10	85						
HMT ZETOR 2522 3RV	PLAIN	2 95.00	FN415180	CK80A	0.17	94.829	66.4	111.4	17 Cr3	35.00	20.00	77.00	HMT ZETOR 2522 3RV CH SL STD	FS470101 FI470102	DBC V CN CGCSL	2.500 2.500 3.500	0.35 - 0.55 0.35 - 0.55 0.25 - 0.50	STD
HMT ZETOR 7511	PLAIN	4 105	FN803100	CK80A	0.13	104.87	65	108.00	17 CR3	40	19.10	85	HMT ZETOR 7511 4R 1040 NA TURBO	FS51101	DBKC CT CGCSL	3.000 2.000 4.000	0.20 - 0.40 0.30 - 0.50 0.30 - 0.50	STD
HMT ZETOR 7511 (A)	PLAIN (KS)	1 105.00	FN803350	CK80A	0.12	104.88	65.00	108.00	17 Cr3	40.00	19.00	85.00						
HMT ZETOR 7511 NA	PLAIN (KS)	1 105.00	FN885150	CK80A	0.12	104.88	65.00	108.00	17 Cr3	35.00	18.50	84.70						
HMT ZETOR 7511 TURBO	(KS)	4 105	FN885160	CK80A	0.125	104.875	65.00	108.00	17 CR3	35	19.20	84.90						

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1 inch = 25.4 mm. Example, ove size 0.020" - 0.50 mm \* Only Rings

ENGINE SR. NO.	PISTON TYPE	CYLINDER NO.&DIA.	PRODUCT CODE	PISTON SPECIFICATION					PIN SPECIFICATION				RING SPECIFICATION					
				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
KIROLOSKAR RBV PLAIN	PLAIN	3 110	FN423150	CK80A	0.15	109.85	79.95	130.5	17 CR3	39.69	21	92						
KIRLOSKAR RBV (TRAPEZ)/ SWARAJ 855	TAPER	3 110	FN424150	CK80A	0.15	109.85	79.95	130.5	17 CR3	39.69	21	92						
HA 100 HA 294 4RV	PLAIN	3 100	FN437150	CK80A	0.09	99.91	78.22	124.22	17 CR3	35	18	80	HA 294 4RV SGLGOLD CTB	FI437350 FI051003	DBKC DIV DTN CGCSL	2.940 2.480 2.480 4.980	0.30 - 0.45 0.35 - 0.55 0.35 - 0.55 0.20 - 0.45	STD
HA 294 NA 3RV	PLAIN	1 100	FN437170	CK80A	0.105	99.895	76.34	120.5	17 Gr3	35.00	18.00	80.00	KOEL HA294 NA 3RV	FI437300	DBKIC CTV CGCSL	3.000 2.000 3.500	0.30 - 0.50 0.80 - 1.00 0.30 - 0.60	STD
HA 294 CPCB	PLAIN (KS)	3 100.00	FN437160	CK80A	0.105	99.895	74.5	120.5										
HA 294 (MODIFIED DISH ) A2 COMBUSTION BOWL	PLAIN (KS)	3 100.00	FN437180	CK80A	0.105	99.895	74.5	120.5										
RB 33 CPCB	PLAIN (KS)	1 110.019	FN876150	CK80A	0.13	109.889	80.00	117.5	17 Gr3	39.69	22.00	91.90	KOEL RB33 CPCB Ø110.0	FS055201	DBKC CT CGCSL	3.000 2.500 4.000	0.30 - 0.50 0.30 - 0.50 0.25 - 0.45	STD
RB 33 MODI.	PLAIN (KS)	1 110.019	FN876160	CK80A	0.13	109.889	80.00	117.5										
KOEL 110 DIA (4R 1190)	PLAIN (KS)	1 110.00	FN780100	CK80A	0.14	109.857	62.5	105.5	17 Gr3	35.00	18.50	84.70						STD
4R810 OLD	PLAIN	4 96.00	FN913190	CK80A	0.11	95.89	56.00	91.00	17 Gr3	32.00	16.80	74.50	KOEL 4R810	FS056701	DBKCV CTV CGCSL	3.000 2.000 3.500	0.30 - 0.45 0.30 - 0.45 0.25 - 0.45	STD
4R810 NEW	PLAIN	4 96.00	FN913180	CK80A	0.11	95.89	56.00	91.00										

ENGINE SR. NO.	PISTON TYPE	CYLINDER NO.&DIA.	PRODUCT CODE	PISTON SPECIFICATION					PIN SPECIFICATION				RING SPECIFICATION					
				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
SWARAJ FE 735 RV2 TMA 3RV	PLAIN (KS)	3 100	FN750100	CK80A	0.12	99.88	83	126	17 CR3	35	16	83	Rv2 TMA 3RV SGL GOLD CTB	FI750350 FI051303	DBKC DT CGCSL	3.000 2.480 4.980	0.30 - 0.50 0.35 - 0.55 0.25 - 0.40	STD
SWARAJ FE 735 Rv2 TMA 5RV	CRP	3 100	FN750110	CK80A	0.12	99.88	83	125.5					Rv2 TMA 5RV SGL GOLD CTB	FI750360 FI051403	DBKC DT DTN CGCSL C7	3.000 2.980 2.980 4.980 4.980	0.30 - 0.50 0.25 - 0.45 0.25 - 0.45 0.25 - 0.45 0.25 - 0.40	STD
SWARAJ 855FE TERM-III	PLAIN (KS)	1 110.27	FN876170	CK80A	0.3	109.896	80.00	117.5	17 Gr3	39.69	22.00	91.90	SWARAJ 855 RB-110 Ø110	FS790201	DBKC CT CGCSL	3.000 2.500 5.000	0.30 - 0.50 0.30 - 0.50 0.25 - 0.45	STD
PREET TRACTOR Ø 100	RCP (KS)	1 100.052	FN487360	CK80A	0.262	99.79	66.42	98.72	17 Gr3	35.00	18.00	76.50	PREET TRACTOR Ø100	FS770301	DBKCV CTV CGCSL	3.000 2.530 3.000	0.20 - 0.40 0.80 - 1.00 0.35 - 0.55	STD
PREET TRACTOR Ø 102	RCP (KS)	1 102.42	FN494380	CK80A	0.523	101.897	66.42	109.42	17 Gr3	35.00	18.50	84.70	PREET TRACTOR Ø102	FS640401	DBKC CTV CGCSL	3.000 2.500 4.000	0.25 - 0.45 0.35 - 0.60 0.30 - 0.55	STD
SONALIKA 100 DIA (118S) P TYPE	RCP (KS)	1 100.052	FN487350	CK80A	0.14	99.912	66.42	98.72	17 Gr3	35.00	18.00	80.00	SONALIKA 100 (118S) P TYPE	FS770301	DBKCV CTV CGCSL	3.000 2.530 3.000	0.20 - 0.40 0.80 - 1.00 0.35 - 0.55	STD
SONALIKA 100 DIA	RCP HKS	3 100.052	FN488350	CK80A	0.130	99.922	66.42	103.42	17 CR3	35.00	18.00	77.00	SONALIKA 100	FI680601 FS680101	DBHKIC CTR CGCSL	3.040 1.980 3.000	0.25 - 0.45 0.60 - 0.85 0.35 - 0.55	STD
SONALIKA 102 DIA	RCP (KS)	1 102.057	FN502350	CK80A	0.145	101.912	66.42	105.42	17 Gr3	35.00	18.00	79.50	SONALIKA Ø102	FI680701 FS640401	DBKC CTV CGCSL	3.000 2.500 4.000	0.25 - 0.45 0.35 - 0.60 0.30 - 0.55	STD
SONALIKA 105 DIA	RCP (KS)	3 105	FN506350	CK80A	0.11	104.919	66.42	111.42	17 CR3	35	18	85	SONALIKA 105	FI680801 FS680501	DBKIC CTR CGCSL	3.000 2.480 3.980	0.25 - 0.45 0.60 - 0.80 0.30 - 0.55	STD

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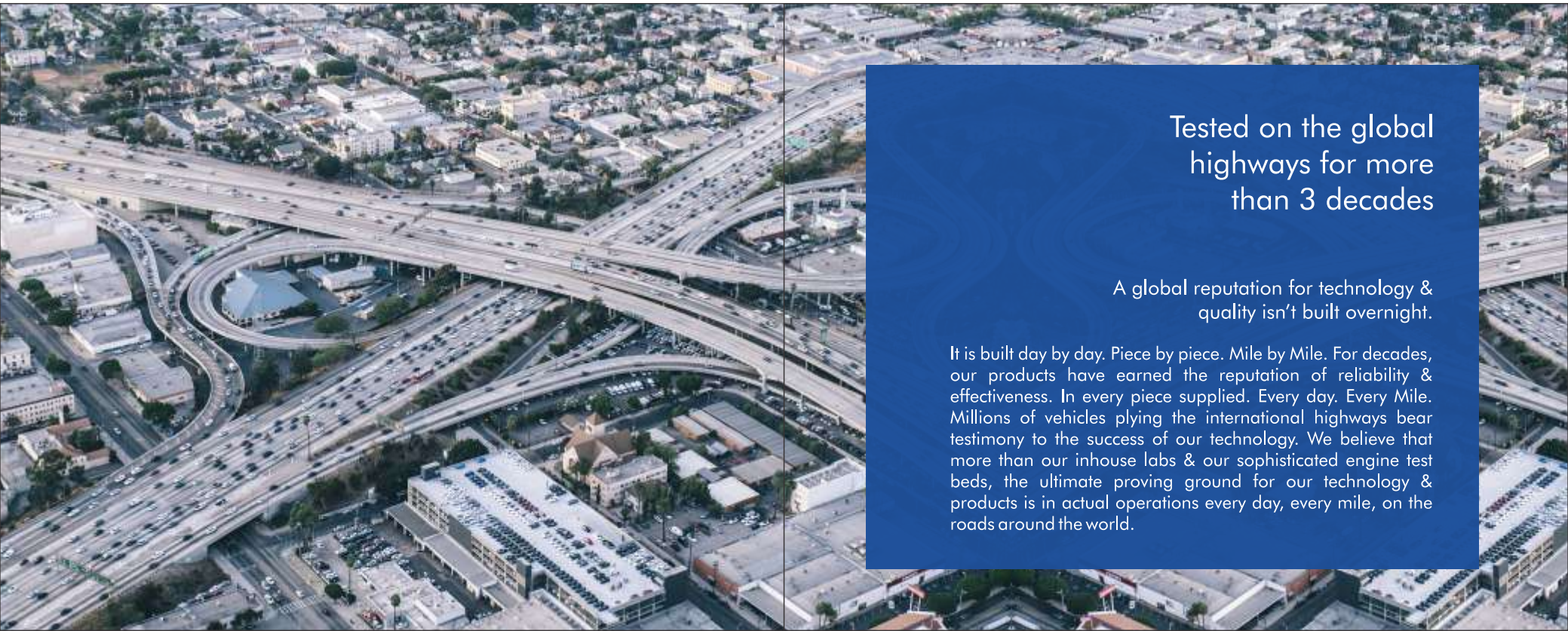
ENGINE SR. NO.	PISTON TYPE	CYLINDER NO.&DIA.	PRODUCT CODE	PISTON SPECIFICATION					PIN SPECIFICATION				RING SPECIFICATION					
				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
JCB 103Ø	RCP (KS)	4 103	FN062350	CK80A	0.15	102.85	72.3	109.3	17 Gr3	40.0	20.0	85.30	RING SET JCB Ø103.0	FI760304 FS760101	DBHKC CTV CGCSL	3 2.5 4	0.2 - 0.45 0.4 - 0.60 0.2 - 0.40	STD
JCB 106Ø	RCP (KS)	4 106	FN901350	CK80A	0.15	102.85	70.75	107.3	17 Gr3	40.0	20.0	85.30	RING SET JCB Ø106.0	FI760204 FS760201	DBHKC CTV CGCSL	3 2.5 4	0.2 - 0.45 0.4 - 0.60 0.2 - 0.40	STD
SAME 105 Ø	RCP	3 105.00	FN466360	C90B	0.104	104.896	57.25	97.25	17 Gr3	35.00	18.00	86.00	SAME 105 MODIFIED SETEURO I	FS330201	DBCV CT CGCSL	3.000 2.500 4.000	0.40 - 0.65 0.40 - 0.65 0.30 - 0.50	STD
STANDARD COMBINES TRACTOR Ø102 (TREM III A)	RCP (KS)	1 102.49	FN494360	CK80A	0.581	101.909	66.42	109.42	17 Gr3	35.00	18.50	84.70	STANDARD COMBINES TRACTOR LTD Ø102.0	FS640201	DBKC CTV CGCSL	3.000 2.500 4.000	0.30 - 0.50 0.60 - 0.80 0.30 - 0.55	STD
INDOFARM Ø97	RCP (KS)	1 97.02	FN251360	CK80A	0.144	96.876	66.42	106.42	17 Gr3	35.00	17.00	80.00	INDOFARM Ø97 (MKT)	FS320301	DBKC CTV CGCSL	2.500 2.500 3.000	0.25 - 0.45 0.60 - 0.80 0.30 - 0.55	STD
INDOFARM 102	RCP (KS)	1 102.49	FN494370	CK80A	0.581	101.909	66.42	106.42	17 Gr3	35.00	18.50	84.70	INDOFARM TRACTORS Ø102.0	FS320401	DBKC CTV CGCSL	3.000 2.500 4.000	0.30 - 0.50 0.60 - 0.80 0.30 - 0.50	STD
BALWAN TRACTOR	RCP	4 90.90	FN262560	CK80A	0.035	90.865	48.60	81.85	17 CR3	26	15.00	74.00	BAJAJ OX 45	F1150304	DBVC CT CGCSL	3.00 2.00 4.00	0.30 - 0.50 0.30 - 0.50 0.20 - 0.40	STD

ENGINE SR. NO.	PISTON TYPE	CYLINDER NO.&DIA.	PRODUCT CODE	PISTON SPECIFICATION					PIN SPECIFICATION				RING SPECIFICATION					
				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
VST 130DI Ø95 (TREM II ENGINE) V501 0200 111	PLAIN	1 95.00	FN074150	CK80A	0.095	94.905	48.5	90.00	17 Gr3	28.00	13.00	72.00	VST 130 DI Ø95	FS370601	DBHKC	2.500	0.30 - 0.55	STD
															CTN	2.500	0.30 - 0.55	
															CGC	4.000	0.30 - 0.55	
															CCZ	4.000	0.30 - 0.55	
VST 95Ø NA (12277W) MKT	PLAIN (HKS)	1 95.00	FN074160	CK80A	0.115	94.885	48.5	90.00										
ACE CRANES 105Ø	RCP (KS)	4 105.00	FN506360	CK80A	0.081	104.919	66.42	111.42	17 Gr3	35.00	18.00	85.00	ACE CRANES 105Ø	FS140101	DBKC	3.000	0.25 - 0.45	STD
															CTV	2.500	0.60 - 0.80	
															CGCSL	4.000	0.30 - 0.55	
													ACE CRANE TRACTOR Ø98.00 (3RV)	FI140204	DBKC	3.000	0.20 - 0.45	STD
															CTR	1.980	0.40 - 0.60	
															CGCSL	3.980	0.20 - 0.40	

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NOTES



Tested on the global  
highways for more  
than 3 decades

A global reputation for technology &  
quality isn't built overnight.

It is built day by day. Piece by piece. Mile by Mile. For decades, our products have earned the reputation of reliability & effectiveness. In every piece supplied. Every day. Every Mile. Millions of vehicles plying the international highways bear testimony to the success of our technology. We believe that more than our inhouse labs & our sophisticated engine test beds, the ultimate proving ground for our technology & products is in actual operations every day, every mile, on the roads around the world.

# PASSENGER CARS & UTILITY VEHICLES



ENGINE SR. NO.	PISTON TYPE	CYLINDER NO.&DIA.	PRODUCT CODE	PISTON SPECIFICATION					PIN SPECIFICATION				RING SPECIFICATION					
				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
MARUTI GYPSY	PLAIN	4 65.50	FN202150	CK80A	0.05	65.45	24.55	55	SCR 415H	16	11.10	53.40						STD
MARUTI 800 CC	PLAIN	3 68.50	FN203150	CK80A	0.05	68.45	25.00	55	SCR 415H	16	11.10	53.40						STD
MARUTI YE2 / ZEN	PLAIN	4 72.00	FN223150	CK80A	0.02	71.98	28.00	55	SCR 415H	17	11.1	61.10						STD
MARUTI Y1 W GYPSY/ YJ9 (ESTEEM) (MPFI)	PLAIN	4 74.00	FN245150	CK80A	0.02	73.98	29.05	56.05	SCR 415H	19	13	63.10						STD
MARUTI YE2 MODIFIED (ZEN) (MPFI)	PLAIN	4 72	FN246150	CK80A	0.02	71.98	28.00	55	SCR 415H	17	11.1	61.10						STD
MARUTI ESTEEM 1300CC 2 VOLVE	PLAIN	4 74.00	FN233150	CK80A	0.02	73.98	29.25	56.25	SCR 415H	17	11.1	65.10						STD

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				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
MARUTI ALTO	PLAIN	3 68.50	FN279150	CK80A	0.030	68.475	25.40	52.40	17 RC3	16	11.10	48.60						
MARUTI SWIFT DIESEL	RCP	4 69.65	FN283350	Dm104	0.09	69.56	40.42	62.4	17 Cr3	23.00	12.0	55.70						
TATA INDICA 475 IDI	RCP	4 75.00	FN260350	C90B	0.06	74.94	42.95	68.95	17 RC3	23	13.70	56.30	TATA INDICA IDI 475 MOLY GOLD	FI238450 FI015014 FI018004	DBIM DTN CGCSL	1.980 1.980 2.980	0.25 - 0.45 0.25 - 0.45 0.20 - 0.40	STD
TATA ACE	RCP	2 75.00	FN260360	CK80A	0.055	74.945	42.65	69.00	17 Cr3	23.00	13.5	56.5	TATA ACE	FI018002	DBIM DTV CGCSL	2.000 2.000 3.000	0.25 - 0.45 0.25 - 0.45 0.20 - 0.40	STD
TATA ACE CNG	PLAIN	2 75	FN227150	CK80A	0.230	74.97	27.70	48.70	17 RC3	18	11.50	53.50						
TATA INDIGO	RCP (KS)	4 75.00	FN205350	CK80A	0.055	74.945	42.95	68.50	17 RC3	25	14.00	59.50	TATA INDIGO HILL STAR	FI601204	DBKC CT CGCSL	2.500 1.980 2.980	0.20 - 0.40 0.25 - 0.45 0.20 - 0.40	STD
TATA ACE SUPER	RCP (HKS)	4 75.00	FN205360	CK80A	0.055	74.945	42.65	68.15	17 Cr3	23.00	13.5	56.5	TATA INDIGO /ACE-SUPER EURO POWER	FI942304	DBKC CT CGCSL	2.500 1.980 2.980	0.25 - 0.45 0.25 - 0.45 0.20 - 0.40	STD
TATA 4DL VICTA TURBO	RCP (KS)	4 83	FN243360	CK80A	0.060	82.94	46.95	72.90	17 RC3	28	13.00	67.00	TATA 4DL VICTA Ø83.00 TURBO	FI 0110504	DBKIM DTN CGCSL	2.500 1.980 2.980	0.20 - 0.40 0.25 - 0.45 0.20 - 0.40	STD
TATA IRIS / TATA ZIP Ø92 (3RV)	PLAIN	92	FN292150	CK80A	0.10	91.90	47	75.9	17Cr3	26	15	74	TATA IRIS / TATA ZIP Ø92 (3RV)	FS0111401	DBC CTR CGCSL	2.50 2.00 3.50	0.20 - 0.40 0.20 - 0.40 0.30 - 0.50	STD

ENGINE SR. NO.	PISTON TYPE	CYLINDER NO.&DIA.	PRODUCT CODE	PISTON SPECIFICATION					PIN SPECIFICATION				RING SPECIFICATION																															
				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE																										
TATA 207 & SUMO 4DL	RCP	4 83.00	FN231350	C90B	0.8	82.93	46.80	84.30	17 CR3	25	14.10	70.50	TATA 4DL SGL GOLD CTB	FI231450 FI011304	DBC DTN CGCSL	1.980 1.980 2.980	0.20 - 0.40 0.20 - 0.40 0.10 - 0.30	STD 0.005																										
													TATA TOP STEEL CTB		FI231460 FI011604	SBC DTN CGCSL	1.980 1.980 2.980	0.20 - 0.40 0.20 - 0.40 0.10 - 0.30	STD																									
													TATA 4DL MOLY GOLD			FI231470 FI012704	DBIM DTN CGCSL	1.980 1.980 2.980	0.20 - 0.40 0.20 - 0.40 0.10 - 0.30	STD 0.005																								
													TATA 4DL HILL STAR				FI231480 FI014904	DBIM DTN CGCSL	1.980 1.980 2.980	0.20 - 0.40 0.20 - 0.40 0.10 - 0.30	STD																							
TATA SUMO DICOR SUMO GRAND MARK II Ø85 (3RV)	FS0111501	DBKC DTC CGCSL	2.00 2.00 3.00	0.20 - 0.40 0.30 - 0.50 0.25 - 0.45	STD																																							
CHERVROLET TAVERA		RCP	4 93	FN278550	CK80A	0.020	92.98	47.80	102.85	17 CR3	31	16.00	77.00	TAVERA EURO KING	FI740104			CB CTN CGSL	2.000 2.000 4.000	0.20 - 0.40 0.20 - 0.40 0.20 - 0.40	STD																							
TOYOTA QUALIS BS 1														RCP (KS)		4 92		FN273450	CK80A	0.06	91.94	44.1	80.1	17 CR3	27	16.00	70.10	TOYOTA QUALIS STEEL POWER	FI450104	SBHKC DTC SGNSL	2.00 2.00 4.00	0.20 - 0.40 0.20 - 0.40 0.20 - 0.40	STD											
TOYOTA QUALIS BS 2																	PLAIN											4 92		FN276150	CK80A	0.06	91.94	44.3	80.3	17 CR3	27	16.00	70.10	TOYOTA QUALIS NITROSHIELD TOYOTA	FI450304	SBHKN DTN SGNSL	2.00 2.00 4.00	0.20 - 0.40 0.20 - 0.40 0.20 - 0.40
TOYOTA QUALIS ALFIN	RCP (KS)																																							4 92		FN277550	CK80A	0.06

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ENGINE SR. NO.	PISTON TYPE	CYLINDER NO.&DIA.	PRODUCT CODE	PISTON SPECIFICATION					PIN SPECIFICATION				RING SPECIFICATION					
				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
BAJAJ OM 616	RCP	4 90.91	FN262550	CK80A	0.095	90.876	48.35	81.85	17 RC3	26	15	74.00	OX TRACTOR / BAJAJ	FI150304	DBVC DTN CGCSL	2.980	0.30 - 0.50	STD
BAJAJ OM 616 (IDI)	RCP	4 90.90	FN458550	CK80A	0.035	90.865	48.40	81.85								OX TRACTOR / BAJAJ OM 616 MOLY GOLD	FI150104	
BAJAJ MINIDOR DI BS-II	PLAIN	1 85.04	FN354270	C90B	0.123	84.917	47.05	108.30	17 CR3	23	13	67	BAJAJ MINIDOR Ø85 CH SL STD	FI0150401	DBVC CT CGCSL	2.480	0.20 - 0.40	STD
BAJAJ MINIDOR 85 DIA.	PLAIN	1 85.00	FN354150	C90B	0.12	84.88	47.05	85.00								1.980	0.30 - 0.50	
BAJAJ MINIDOR DI	SHIM	1 85.00	FN354260	C90B	0.12	84.88	47.05	85.00								3.980	0.25 - 0.45	
BAJAJ TEMPO DIA.85 (IDI)	PLAIN	1 85.00	FN365150	C90B	0.12	84.88	47.05	85.00	17 Cr3	23.00	13.00	67.20						
BAJAJ TEMPO DIA.85 (IDI)	SHIM	1 85.00	FN365250	CK80A	0.12	84.88	47.05	85.00	17 Cr3	23.00	13.00	67.20						

ENGINE SR. NO.	PISTON TYPE	CYLINDER NO.&DIA.	PRODUCT CODE	PISTON SPECIFICATION					PIN SPECIFICATION				RING SPECIFICATION					
				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
MAHINDRA XD3P	PLAIN	4 94.00	FN230150	C90B	0.10	93.90	53.92	91.42	17 RC3	30	17.10	78.80	MAHINDRA XD3P MOLY GOLD	FI020804	DBIM DTN CGCSL	1.980 1.980 3.980	0.30 - 0.50 0.35 - 0.55 0.15 - 0.45	STD
MAHINDRA SCORPIO JEEP	RCP (KS)	4 94	FN445350	CK80A	0.100	93.90	54.10	90.00	17 CR3	32.00	16.00	76.00	MAHINDRA SCORPIO	FI022404	DBKC CT CGCSL	3.000 2.500 4.000	0.30 - 0.50 0.30 - 0.50 0.25 - 0.40	STD
MAHINDRA MAXIMO	RCP (KS)	1 83	FN293350	Dm104	0.09	82.91	43.75	67.75	17 Cr3	30.0	15.0	66.00	MAHINDRA MAXIMO	FI293350				
MAHINDRA GIO	RCP	1 86.00	FN395250	CK80A	0.08	85.92	41	73.00	17 Cr3	23.00	13.00	52.00	MAHINDRA GIO Ø86.00-MKT)	FI800101	DBC CT CGCSL	2.000 1.500 2.500	0.20 - 0.40 0.30 - 0.50 0.20 - 0.40	STD
MAHINDRA CHAMPION	PLAIN	4 85	FN354160	C90B	0.120	84.88	47.05	85.00	17 CR3	23.00	13.00	68.00	MAHINDRA CHAMPION	FI022201	DBVC CT CGCSL	2.500 2.000 4.000	0.30 - 0.50 0.80 - 1.00 0.30 - 0.50	STD
MAHINDRA CHAMPION	PLAIN	1 85.00	FN354170	C90B	0.12	84.88	47.05	85.00										
PISTON MAHINDRA CHAMPION	SHIM	1 85.00	FN354250	C90B	0.12	84.88	47.05	85.00										
													MAHINDRA XYLO MUSTANG Ø88.90(3RV)	FI023404	DBKC CTR CGCSL	3.00 2.50 2.50	0.20 - 0.40 0.40 - 0.60 0.20 - 0.40	STD

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ENGINE SR. NO.	PISTON TYPE	CYLINDER NO.&DIA.	PRODUCT CODE	PISTON SPECIFICATION					PIN SPECIFICATION				RING SPECIFICATION					
				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
MAHINDRA PEUGEOT	PLAIN	4 90.00	FN211100	C90B	0.09	89.91	57.20	84.35	17 CR3	28	17.10	77	MAHINDRA PEUGEOT CHROME SL	FI020204 FI211450	DBC CT CT CCSL	1.890 1.980 1.980 4.480	0.20 - 0.40 0.20 - 0.40 0.20 - 0.40 0.20 - 0.40	STD
MAHINDRA PEUGEOT	SHIM	4 90.00	FN211200	C90B	0.09	89.91	57.20	84.35										
PISTON MAHINDRA PJO (LUG TYPE)	PLAIN	4 90.00	FN244150	CK80A	0.1	89.9	40.85	96.35										
GREAVES GI400 BS-II	PLAIN	1 86	FN393150	C90B	0.06	86.0	44.0	72.0	17 Gr3	20.0	8.0	67.0	GREAVES GI400 BS-II & BSIII	FI091501	DBVC CTV CGCSL	2 2 3.000	0.15 - 0.35 0.3 - 0.50 0.20 - 0.40	STD
GREAVES GL400 BS-II (MODL.)	PLAIN	1 86	FN393170	C90B	0.06	86.0	44.0	72.0	17 Gr3	20.0	8.0	67.0	GREAVES GI400 BS-II & BSIII	FI091801	DBVC CTV CGCSL	2 2 4.000	0.15 - 0.35 0.3 - 0.50 0.20 - 0.40	STD
GREAVES GL435 BS-III	PLAIN	1 86	FN393180	C90B	0.06	86.0	44.0	72.0	17 Gr3	20.0	8.0	67.0	GREAVES GI400 BS-II & BSIII	FI091501	DBVC CTV CGCSL	2 2 3.000	0.15 - 0.35 0.3 - 0.50 0.20 - 0.40	STD
GREAVES GL435 BS-IV	PLAIN	1 86	FN393190	C90B	0.06	86.0	44.0	72.0	17 Gr3	20.0	8.0	67.0	GREAVES GI400 BS-II & BSIII	FI091501	DBVC CTV CGCSL	2 2 3.000	0.15 - 0.35 0.3 - 0.50 0.20 - 0.40	STD



## All Pervasive Quality Assurance Process

In our quest for comprehensive quality, we at MPL have deployed a lineup of Quality Labs equipped with an elaborate range of dedicated state of the art testing & measurement equipment calibrated to globally accepted standards. Manned by qualified & experienced engineers, quality checks here are done using documented manuals revised & updated continually.



Coordinate Measuring Machine by ZEISS



Millipore Lab for measuring Cleanliness



X - Ray Scanning Machine



Profile Measurement On Talyrand



Multidimensional checking with auto gauging



8 Channel Ultrasonic Bond Checking Machine

# STATIONARY DIESEL ENGINES



ENGINE SR. NO.	PISTON TYPE	CYLINDER NO.&DIA.	PRODUCT CODE	PISTON SPECIFICATION					PIN SPECIFICATION				RING SPECIFICATION					
				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
RUSTON YDA MK - I RUSTON	PLAIN	1 111.125	FN610150	CK80A	0.14	110.985	84.12	142.88	17 CR3	41.26	24.08	94.13						
RUSTON YDA MK-II	PLAIN	1 111.125	FN611150	CK80A	0.14	110.985	84.12	142.88	17 CR3	41.26	24.08	94.13						
RUSTON Y2 DAX	PLAIN	1 111.125	FN612100	CK80A	0.14	110.985	84.12	142.88	17 CR3	41.33	22.23	94.09						
RUSTON YDX	PLAIN	1 111.125	FN613350	CK80A	0.17	110.955	84.12	142.88	17 CR3	44.44	22.22	93.43						
RUSTON YWA MK -II	PLAIN	1 101.60	FN615100	CK80A	0.09	101.51	73.02	123.82	17 CR3	38.09	22.48	85.72						
RUSTON YWA MK - III	PLAIN	1 101.60	FN616150	CK80A	0.09	101.51	73.02	123.82	17 CR3	38.09	22.48	85.72						
RUSTON YWA MK - IV	PLAIN	1 105	FN617150	CK80A	0.32	104.68	73.02	123.82	17 CR3	38.09	22.48	85.72						
RUSTON YWA MK - V	PLAIN	1 105	FN618150	CK80A	0.32	104.68	73.02	123.82	17 CR3	38.09	22.48	85.72						

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ENGINE SR. NO.	PISTON TYPE	CYLINDER NO.&DIA.	PRODUCT CODE	PISTON SPECIFICATION					PIN SPECIFICATION				RING SPECIFICATION					
				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
JV 1 (85 DIA.)	PLAIN	1 85	FN642150	CK80A	0.11	84.89	63.50	106.00	17 CR3	30	20	71						
AV 1 (80MM) (U TYPE) 3+	PLAIN	1 80	FN641150	CK80A	0.09	79.91	63.50	106.00	17 CR3	30	20	66						
TV1 87.5 MM (3+1)	PLAIN	1 87.5	FN643150	CK80A	0.1	87.4	63.5	106.00	17 Cr3	30.00	20.00	71.00						
TV1 ROCKET 87.50 (2+2)	PLAIN	1 87.5	FN726100	CK80A	0.1	87.4	63.5	106.00	17 Cr3	30.00	20.00	71.00						
ROCKET 95 (W.C.) AGRA (OE).	PLAIN	1 95.00	FN666110	CK80A	0.125	94.875	65.7	114.00	17 Cr3	34.99	20.00	77.00						
KOEL 95 DIA	PLAIN	1 95.00	FN772150	CK80A	0.13	94.87	65.75	113.75	17 Cr3	35.00	20.00	77.00	KOEL Ø95 3RV CH SL	FS052701	DBKIC DTR CGCSL	3.000 1.980 3.480	0.30 - 0.50 0.40 - 0.60 0.30 - 0.60	STD
INDUSTRIAL 102 DIA.	PLAIN	1 102.00	FN624110	CK80A	0.095	101.905	66.5	114.5	17 Cr3	35.00	18.00	83.70						
KOEL 102Ø	PLAIN	1 102.00	FN749150	CK80A	0.13	101.87	66.5	116.5	17 Cr3	35.00	18.00	83.70						

ENGINE SR. NO.	PISTON TYPE	CYLINDER NO.&DIA.	PRODUCT CODE	PISTON SPECIFICATION					PIN SPECIFICATION				RING SPECIFICATION					
				ALLOY	CL.	PISTON	COMP HT.	TOTAL HT.	MATERIAL	DIA.	BORE d	LENGTH L	RING SET TYPE	PRODUCT CODE	RING TYPE	THICKNESS	CLOSED GAP	SIZES AVAILABLE
KOEL 105Ø (POWER TRAILER)	PLAIN	1 105.00	FN891100	CK80A	0.14	104.86	60.1	107.9	17 Gr3	35.00	18.00	85.00	KOEL 105Ø (POWER TRAILER)	FS057101	DBKCV CT CGCSL	3.000 2.000 4.000	0.20 - 0.40 0.30 - 0.50 0.30 - 0.55	STD
RAJ 114.03Ø	PLAIN	1 114.3	FN842120	CK80A	0.23	114.07	63.5	106.00	17 Gr3	35.00	20.00	98.00						
KOEL 114.30Ø	PLAIN	1 114.3	FN773110	CK80A	0.24	114.06	63.5	106.00	17 Gr3	35.00	20.00	98.00						
KOEL 114.30Ø 3RV	PLAIN	1 114.3	FN773130	CK80A	0.24	114.06	63.5	106.00	17 Gr3	35.00	20.00	98.00	KOEL 114.30 Ø 3RV	FS052801	DBKCV CTV CGCSL	3.000 2.000 3.500	0.30 - 0.50 0.40 - 0.60 0.30 - 0.50	STD
KAMKO 95Ø	PLAIN	1 95.00	FN664150	CK80A	0.125	94.875	53.5	105.00	17 Gr3	35.00	17.00	80.00						
KAMCO 95Ø DI	PLAIN	1 95.00	FN732150	CK80A	0.125	94.875	53.5	106.5	17 Gr3	30.00	17.00	80.00						

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NOTES

Since our establishment in 1969, our products have earned the reputation of quality at cost effective prices. Our ability to provide total engineering solutions has been appreciated by customers across the world. Today our customer list boasts of top auto brands across the world. Menon Pistons Ltd. has been awarded "Self certification / Single Source / Ship to use" status by leading auto brands across the world & we enjoy major share with all of them. Our selection as single / sole supplier by international leaders, who follow & demand very stringent quality norms, is a testimony to the global quality standards of our company & of global acceptability of our strengths in engineering.



### OUR GLOBAL AUTO OEM CUSTOMERS



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