

# J. CHANDRAKANT & COMPANY

Arthik Bhavan(Ground Floor), Gondal Road, Near Bombay Petrol Pump,  
Rajkot – 360 002, Gujarat (INDIA), Phone: (O) (0281) 2239730,  
TeleFax: (O) (0281) 2223872, E-mail: jesico2010@gmail.com, Web: www.jesico.com



## --: Features & Specialties of *Fieldmarshal*<sup>®</sup> Genuine Spares :-

### Cylinder Liner :-

- Graded Cast Iron Casting (Non porous)
- Hard Chrome of 7 filler thickness
- Cross Honing process in bore
- Dimensionally accurate
- 100% Inspected

### Piston CI 6/8 HP :-

- Made from Graded Cast Iron Casting (Non porous)
- Dimensionally accurate
- 100% Inspected

### Aluminum Piston 10/12/14/16/20HP :-

- Heat treated under latest technology
- CNC precision machining process
- Material LM-13 Aluminum
- Close grain gravity Die-Casted
- 100% Inspected

### Gudgeon Pin (Piston Pin) :-

- Made from 17Cr3/16MnCr5/15Cr3 prime quality steel material
- Heat treated under controlled complete process cycle for 1.5mm core hardness
- Lapping & super finishing processed
- Inner hole through finish by ball passed method.

### Internal Circlip (Gudgeon Pin Lock) :-

- Made out from EN42-J spring steel material
- Completely Heat Treated
- Burs free

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### Liner Rubber Ring :-

- Made from Nitrile best rubber material
- Made by Closed Die process for perfect roundness & best elasticity.

### Cylinder Head & Cylinder Block :-

- Standard dimensions maintained for powerful performance.
- Optimized weight as per standard design of engine.
- Mould core made on core shutter machine for clean finished Air inlet-exhaust/water outlet-inlet , Combustion chamber.

### Connecting Rod 14HP/16HP/20HP :-

- Closed die forged made out from prime VIZAG EN8D steel Billet
- CR Nut – CR Bolt (Heat Treated) of EN-9 material
- Small End Bush is of Graded Gun Metal 85/5/5/5

### Connecting Rod 6/8/10HP:-

- Closed die forged made out from prime VIZAG MS Rolled Billet
- CR Nut – CR Bolt (Heat Treated) of EN-9 material
- Small End Bush is of Graded Gun Metal 85/5/5/5

### Ring Set :-

- Made from individual Graded cast Iron casting process
- Completely Heat treated.
- Precision machining process
- Burs free

### Crank Shaft 6/8HP :-

- Open Forged from VIZAG MS Rolled Billets
- Standard Dimensions maintained during machining process

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## --: Features & Specialties of *Fieldmarshal*® Genuine Spares :-

### **Crank Shaft 10HP :-**

- Open Forged from VIZAG EN8D Rolled Billets
- Standard Dimensions maintained during machining process

### **Crank Shaft 14/16/20HP :-**

- Open Forged from VIZAG EN16 Rolled Billets
- Quenching processed forging
- Standard Dimensions maintained during machining process
- Heat treated

### **C.R. Bearing 6/8/10HP :-**

- Made from PB15 lead base material
- Precision machining processed

### **C.R. Bearing 14/16/20HP :-**

- Made from A/T (Alluminium Tin) material
- Precision machining processed

### **Cam Shaft :-**

- Forged cams from EN-9 material
- Induction Harden cams
- Cam profile standardized during mashing processed
- Perfectly assembled

### **Intake/Exhaust Valve :-**

- Made from EN18D steel material
- Precision machining processed
- Completely Grinded

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### Push Rod :-

- Made from EN9 material
- Heat treated

### Cyl. Head Gasket :-

- Made from copper-Asbestos material
- Both sides copper

### Gears :-

- Crank Gears made from forged prime MS material
- Governor Gear & Idler Gear made from Graded CI Casting
- Precision machined & Grinded
- Concentricity & Perpendicularity maintained

### Valve Tappet :-

- Made from EN32B steel material
- Guide made from graded CI casting
- Precision machined & Grinded

### Other Common Characteristics:-

- Genuine spares as per OE standards & Specifications
- Aesthetic value by FIELDMARSHAL Brand printed individual packing
- Inspected, Cleaned, Rust preventive care taken before packing