

## INTRODUCTION

### PISTON RODS

TSC piston rods are made with premium-grade, heat-treated alloy steel. The rods offer excellent resistance to fatigue, corrosion and heavy loads. A full line of piston rods are available for various pumps.

#### Features

- Fabricated with quality alloy steel.
- Numerically controlled machining.
- Long-lasting service life.
- Clamped and threaded.



### EXTENSION RODS

TSC extension rods are made from high-strength alloy steel, either heat treated or chrome plated. The rod offers excellent resistance to fatigue, corrosion and heavy loads. They are machined and polished to ensure a perfect seal for protection of the mud pump gear end.

#### Features

- Fabricated with high quality steel.
- Numerically controlled machining.
- Long-lasting service life.
- Clamped and threaded.



## FLUID END EXPENDABLES

**TSC**

**WWS500**

**5 x 8**

| LINERS                                |                        | LINER GASKETS     | PISTONS                         |                              |                             |                                    | PISTON RUBBERS                  |
|---------------------------------------|------------------------|-------------------|---------------------------------|------------------------------|-----------------------------|------------------------------------|---------------------------------|
| SIZE                                  | PART NUMBER            | PART NUMBER       | URETHANE BONDED                 | RUBBER BONDED                | N'DURALL BONDED             | REPLACEABLE RUBBER                 | PART NUMBER                     |
| 3 1/2"                                | TS-0189-34HPA          | G-266 *           | -                               | -                            | -                           | I-34-K15                           | TM-34-KR                        |
| 4"                                    | TS-0189A-40HPA         | G-266 *           | LLU-40-K15                      | LL-40-K15                    | HPW-40-K15                  | I-40-K15                           | TM-40-KR                        |
| 4 1/2"                                | TS-0189A-44CrA         | G-266 *           | LLU-44-B15                      | LL-44-B15                    | HPW-44-B15                  | I-44-B15                           | TM-44-BR                        |
| <b>BIG OD</b>                         |                        |                   |                                 |                              |                             |                                    |                                 |
| 4 1/2"                                | TS-0193-44HPA          | G-266 *           | LLU-44-B15                      | LL-44-B15                    | HPW-44-B15                  | I-44-B15                           | TM-44-BR                        |
| 5"                                    | TS-0193-50CrA          | G-266 *           | LLU-50-B15                      | LL-50-B15                    | HPW-50-B15                  | I-50-B15                           | TM-50-BR                        |
| <b>VALVES, SEATS, SPRINGS</b>         |                        |                   |                                 |                              | <b>GASKETS</b>              |                                    |                                 |
|                                       | 4 WEB DESIGN           | 3 WEB DESIGN      | FULL OPEN (1)                   | FULL OPEN (2)                |                             |                                    | PART NUMBER                     |
| <b>VALVE</b>                          | -                      | TS-PJ-482A        | -                               | TS-4-V1                      | <b>VALVE COVER GASKET</b>   |                                    | G-799 *                         |
| <b>SEAT</b>                           | -                      | TS-PJ-451         | -                               | TS-4-S5                      | <b>CYLINDER HEAD GASKET</b> |                                    | G-799 *                         |
| <b>SPRING</b>                         | -                      | TS-5710-33        | -                               | TS-5710-33                   | <b>WEAR PLATE GASKET</b>    |                                    | N/A                             |
| <b>INSERT (Urethane)</b>              | -                      | TS-PJ-452         | -                               | TS-4-F1                      | <b>EXTENSION ROD SEAL</b>   |                                    | WF-2011873                      |
| <b>INSERT (Rubber)</b>                | -                      | -                 | -                               | -                            | <b>EXTENSION ROD BAFFLE</b> |                                    | TS-5FXK840                      |
| <b>PISTON ROD &amp; EXTENSION ROD</b> |                        |                   |                                 |                              |                             |                                    |                                 |
| <b>ROD CLAMP</b>                      | <b>PISTON ROD STUD</b> | <b>PISTON NUT</b> | <b>THREADED TYPE PISTON ROD</b> | <b>CLAMP TYPE PISTON ROD</b> | <b>SUB ROD</b>              | <b>THREADED TYPE EXTENSION ROD</b> | <b>CLAMP TYPE EXTENSION ROD</b> |
| TMPZ9-03-08                           | N/A                    | TM-NUT            | N/A                             | TM-193A                      | N/A                         | N/A                                | TMPZ8-01-06                     |
| <b>FLUID END MODULE</b>               |                        |                   |                                 |                              |                             |                                    |                                 |
| <b>FLUID END MODULE STUDDED</b>       |                        |                   | <b>MODULE SEAL SET</b>          |                              | <b>STUDS &amp; NUTS SET</b> |                                    |                                 |
| TS-WWS500B                            |                        |                   | TMPAH-SEALKIT                   |                              | TMPAH-STUDSET               |                                    |                                 |

TSC does not warrant or represent that any of such information is accurate, or that any products listed are compatible with each other.  
Any deviations from the OEM products should be verified as to compatibility.

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