

# STEMCO®

# HUB SEALS

# LONGER LIFE FOR THE LONGEST HAUL

**Guardian®**  
**HP**  
HUB SEALS



### **Single-Step, Error-Proof Installation**

Installation right on the axle instead of the hub bore assures positive alignment every time with virtually error-proof installation. There's no tool impact on the seal causing damage or installation-related failures. Guardian® HP is easy to remove and service, with no bearings damaged during seal removal.

### **Technologically Advanced Seal**

Guardian® HP has been developed for extra protection and greater sealing with its high performance sealing lip and superior contamination exclusion. The rubber outer diameter allows for faster hub cleaning with less corrosion damage to the hub.

### **Trailer and Axle OEM Standard Seal**

The axle installation is durable and unique with proven success for over 25 years. Enhanced features offer improved cost-per-mile performance with simple, one-step axle installation. Guardian® HP is the seal of choice in the heavy duty trailer industry.

# HUB SEALS

## GUARDIAN® HP Application Reference Guide

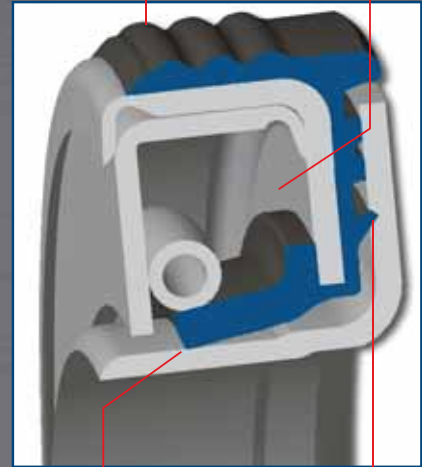


| APPLICATION   | GUARDIAN® HP         | INNER BEARING                               | UNIVERSAL AXLE TOOL HEADS                    |
|---|----------------------|---|--|
| 19,000# Trailer Axle<br>Standard Forge,<br>Dana, Meritor, Eaton   | 307-0713             | 663   | 555-5100                                     |
| Pro-Par Trailer Axle<br>Fruehauf, Eaton P-22<br>Meritor TP, Dana  | 307-0723             | HM518445                                    | 555-5023                                     |
| 22,500# Trailer Axle<br>Meritor, Standard<br>Forge, Dana Eaton  | 307-0743             | HM218248                                    | 555-5039                                     |
| 12,000# Front Axle<br>Meritor, Eaton<br>Ford, Freightliner,<br>Kenworth, Western<br>Star, Navistar<br>Peterbilt, Volvo GM           | 308-0836             | 39581<br>HM212044<br>HM212049-X<br>HM212047 | 555-5062<br>555-5061<br>555-5098<br>555-5066 |
| 16,000# Front Axle<br>Ford, Navistar, Mack,<br>Meritor, White, Kenworth,<br>Volvo GM, Western Star,<br>Peterbilt                    | 308-0864             | 6461A                                       | 555-5007                                     |
| 34,000# Drive Axle, Mack<br>44,000# Drive Axle, Mack  | 309-0903<br>309-0904 | 580, 582<br>663, HM516449-C<br>HM516449-A   | 555-5072<br>555-5072<br>555-5073             |
| 38,000# 46,000#<br>Tandem Axles, Eaton,<br>Ford, Freightliner, Kenworth,<br>Western Star, Peterbilt,<br>Meritor, Navistar, Volvo GM | 309-0973             | 594,-A<br>598,-A                            | 555-507<br>555-5071                          |

### GUARDIAN® HP SEAL

Three O.D. Beads  
For Easier Hub Docking

Semi-Unitized Design



High Performance  
Sealing Lip

Flexible Containment  
Exclusion Lip

Sealing lip, O.D. beads, thrust pad, and flexible containment exclusion lip are all molded as a single unit from high temperature elastomeric co-polymer for fewer leak paths and better heat resistance.

## GUARDIAN® HP Interchange

| GUARDIAN® HP | STEMCO   | SKF   | SKF PLUS | SKF LONGLIFE | NATIONAL | 5 STAR  | OUTRUNNER |
|--------------|----------|-------|----------|--------------|----------|---------|-----------|
| 307-0713     | 372-7098 | 40136 | 40133    | 40146        | 370036A  | 380036A | 850       |
| 307-0723     | 372-7099 | 42623 | 42623    | 42631        | 370065A  | 380065A | 851       |
| 307-0743     | 372-7097 | 46305 | 46304    | 46308        | 370025A  | 380025A | 859       |
| 308-0836     | 382-8036 | 35066 | 35059    | 35102        | 370001A  | 380001A | 847       |
| 308-0864     | 382-8064 | 43764 | 43763    | N/A          | 370048A  | 380048A | 863       |
| 309-0903     | 392-9094 | 45099 | 45097    | 45108        | 370022A  | 380022A | 856       |
| 309-0904     | 392-9112 | 42672 | 42671    | N/A          | 370031A  | 380031A | 852       |
|              | 392-9130 |       |          |              |          |         |           |
| 309-0973     | 392-9131 | 47697 | 47695    | 47693        | 37003A   | 38003A  | 861       |

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