

Discover®



UNITIZED DESIGN, UNWAVERING PERFORMANCE

STEMCO® Discover® Seals feature a high-grade temperature-resistant material and multi-labyrinth sealing features for long-life applications.

Have Complete Confidence During Installation

Discover seals' piloted entry allows an easy and square installation every time. The ridged double wall steel case is the impact point for the tool head, maintaining the seal's internal geometries.

Strong Locking and Easy Removal

The Discover seal consists of a bonded, ribbed rubber OD and ID for easier removal without special tools, yet STEMCO's patented "SMART" anti-rotation features ensure positive positioning and locking of the seal to the spindle.

Lengthen the Life of the Seal

The premium sealing element is protected by a four-zone labyrinth that provides unmatched contaminant exclusion and performance.

Extended Warranty Component

Install the Discover seal with STEMCO's other premium wheel end components to experience the Platinum Performance System™. This system combines the Discover or Guardian® HP seal, the Pro-Torq® or Zip-Torq® nut, and the Sentinel® hub cap for a three-year warranty.

DISCOVER HIGH PERFORMANCE... REVOLUTIONARY DESIGN

DISCOVER CROSS REFERENCE GUIDE

APPLICATION	DISCOVER P/N	INNER BEARING	HUB TOOL PART NUMBER	BEARING GUIDE
19,000# Trailer Axle: Standard Forge, Dana, Meritor, Eaton	373-0213	663	551-5313	570-0023
Pro-Par Trailer Axle: Fruehauf, Eaton P-22, Meritor TP, Dana	373-0223	HM518445	551-5401	570-0025
22,500# Trailer Axle: Meritor, Standard Forge, Dana, Eaton	373-0243	HM218248	551-5412	570-0026
12,000# Front Axle: Meritor, Eaton, Ford, Freightliner, Kenworth, Western Star, Navistar, Peterbilt, Volvo GM	383-0236	39581 HM212044 HM212049-X HM212047	551-5346 551-5346 551-5346 551-5346	570-0017 570-0018 570-0020 570-0019
12,000# Mack Front Axle	*383-0239	641 or HM212049	551-5413	570-0020
16,000# Front Axle: Ford, Navistar, Mack, Meritor, White, Kenworth, Western Star, Peterbilt, Volvo GM	383-0264	6461A	551-5327	570-0022
34,000#, 38,000# Drive Axle: Mack	393-0203	580 or 582	551-5415	570-0023
44,000# Drive Axle: Mack	393-0204	663 or HM516449-A	551-5414	570-0023
34,000# Drive Axle: Eaton, Ford, Navistar, Volvo GM	393-0212	47685 or 47686 47678 or 5760	551-5416 551-5416	570-0023 570-0022
38,000#, 46,000# Tandem Axles: Eaton, Ford, Freightliner, Kenworth, Western Star, Peterbilt, Meritor, Navistar, Volvo GM	393-0173	594 or 594A 598 or 598A	551-5320 551-5320	570-0028 570-0027

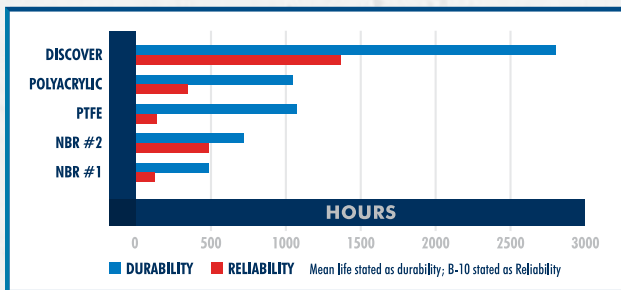
*Also sold as 383-8239 Kit, which includes the 310-1132 shoulder bushing.

DISCOVER INTERCHANGE

DISCOVER	SKF	SKF PLUS	NATIONAL RED	NATIONAL GOLD
373-0213	40136	40133	370036A	380036A
373-0223	42623	42622	370065A	380065A
373-0243	46305	46304	370025A	380025A
383-0236	35066	35059	370001A	380001A
383-0239	39988	39977	370033A	N/A
383-0264	43764	43769	370048A	380048A
393-0203	45099	45097	370022A	380022A
393-0204	42672	42671	370031A	380031A
393-0212	38780	38779	370023A	380023A
393-0273	47697	47695	370003A	380003A

STEMCO DISCOVER VS. COMPETITOR SEALS

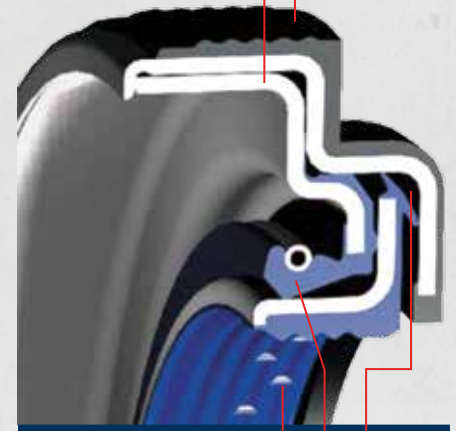
Listed by main sealing lip material. Hours shown are accelerated lab life test hours.



DISCOVER SEAL DESIGN FEATURES

Bonded rubber OD offers easy installation with piloted entry

Rugged, modular design avoids installation damage



Patented smart anti-rotation ID locks onto the axle

High temperature elastomeric co-polymer sealing element incorporating hydrodynamic pumping features

Four-zone labyrinth provides unmatched contaminant exclusion

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