

Discover[®]

HUB-INSTALLED - UNITIZED DESIGN



**Discover[®] Seals.
Minimizing
Costs by
Exceeding the
Industries' Best.**



A Higher Standard of Performance.SM

Ⓢ Increase the Performance Expectations of Wheel Ends. The Discover[®] seal features a high temperature elastomeric co-polymer sealing element combined with Teflon[®]. The revolutionary design incorporates hydrodynamic "pumping" features to keep the lubricant where it is intended to be.

Ⓢ Maintain the Lubricant's Integrity to Lengthen the Life of the Seal. The premium sealing element is protected by a four-zone labyrinth to provide unmatched contaminant exclusion and performance.

Ⓢ Have Complete Confidence During the Installation Stage. The Discover[®] seal's piloted entry allows an easy and square installation every time. The double steel case is the impact point for the tool head to maintain the internal geometries.

Ⓢ Reduce Removal Time and Effort Without Special Tools or Adjacent Component Damage. The Discover[®] seal consists of a bonded, ribbed rubber OD and ID for easier removals, yet STEMCO's patented "SMART" anti-rotation features insure positive positioning and locking of the seal to the spindle.

Ⓢ Extended Warranty Component. Install the Discover[®] seal with STEMCO's other premium wheel end components to obtain the Platinum Performance System[™]. This system combines the Discover[®] or Guardian[®] HP seal, Pro-Torq[®] nut, and Sentinel[®] hub cap for a 3-year warranty.

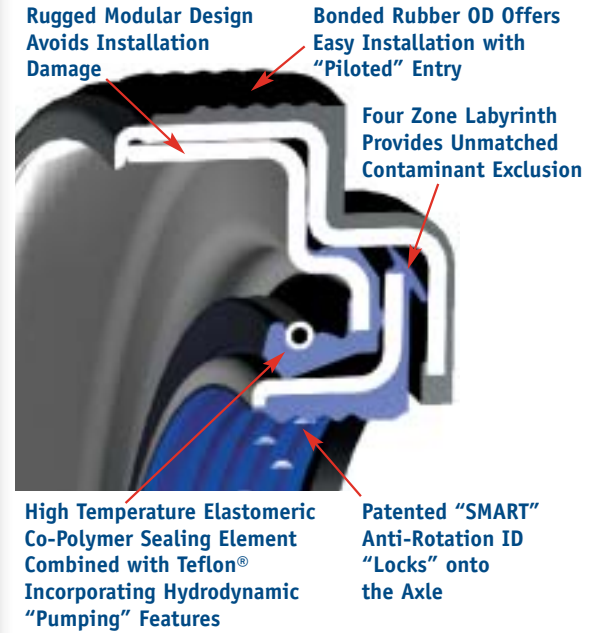
***Experience the difference!
STEMCO Discover[®] Seals.
High Performance. Revolutionary Design.***

Discover® Cross Reference Guide

APPLICATION	DISCOVER® P/N	INNER BEARING	HUB TOOL P/N	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	393-0273	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.

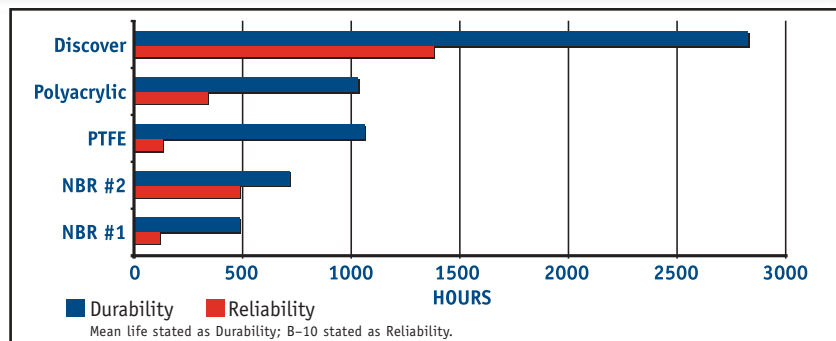
Discover® Seal Design Features



Discover® Interchange

DISCOVER®	CR	CR PLUS	CR LONGLIFE	NATIONAL	5 STAR	OUTRUNNER
373-0213	40136	40133	40146	370036A	380036A	850
373-0223	42623	42622	42631	370065A	380065A	851
373-0243	46305	46304	46308	370025A	380025A	859
383-0236	35066	35059	35102	370001A	380001A	847
383-0239	39988	39977	39990	370033A	N/A	N/A
383-0264	43764	43763	N/A	370048A	380048A	863
393-0203	45099	45097	45108	370022A	380022A	856
393-0204	42672	42671	N/A	370031A	380031A	852
393-0212	38780	38779	38783	370023A	380023A	849
393-0273	47697	47695	47693	370003A	380003A	861

STEMCO Discover® vs. competitor seals (listed by main sealing lip material). Hours shown are accelerated lab life test hours.



STEMCO®

A Higher Standard of Performance.™

QS 9000 & ISO 9001

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TOTAL QUALITY MAINTENANCE™

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