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**HUBS AND SPINDLES**  
CATALOG



**NORTHFIELD  
PRODUCES A  
COMPLETE LINE  
OF HUBS AND  
SPINDLES FOR  
THE AGRICULTURAL  
EQUIPMENT  
MARKET AND  
THE INDUSTRIAL  
EQUIPMENT  
MARKET.**

ISO 9001:2008 Certified Company

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MORE THAN A  
PRODUCT LINE,  
MORE THAN  
PRECISION  
MACHINING,  
NORTHFIELD  
OFFERS YOU  
A TOTAL  
SOLUTION.

## TOTAL SOLUTIONS<sup>®</sup>



### ON TIME SHIPMENT

Northfield guarantees 100% on time delivery of our products. We offer free delivery if your product is not shipped on time.



### 30 DAY SAFETY STOCK GUARANTEE

Northfield maintains a 30 day safety stock on the shelf for our customers. We will work with you to determine your requirements for production and delivery.



### 90 DAY PRICE GUARANTEE

Northfield will provide a 90 day price guarantee on all quotes. In today's fast moving markets, we stand by our quotes and offer our customers the most economical solutions.



### 24 HOUR RESPONSE TIME FOR ISSUES

Northfield guarantees the quality of its products and services. We have sales reps, engineers and customer service personnel on-call to respond to your questions. Northfield stands by its products and services, and we will respond within 24 hours regarding any issues.



### FAST TRACK ONBOARDING PROGRAM

Northfield's Fast Track Program offers our customers a way to minimize their "pain points" with a new supplier. Our Fast Track Program is designed to help your various departments including engineering, purchasing and administration deal with issues ranging from initial engineering to account setup to shipping and invoicing.



# INTRODUCING NORTHFIELD'S FAST TRACK ONBOARDING PROGRAM



## CONNECTING ENGINEERS

Let our engineering talent be an extension of your company. We will work seamlessly with your engineering department to provide expedited solutions for new and existing products. We can provide prototyping and capabilities studies to help move you quickly to the production phase.



## WE WORK WITH YOUR SYSTEM

Northfield can accommodate ASN, EDI, bar coding and portal requirements to facilitate your system needs.



## OUR FAST TRACK KIT

We will supply you a Kit, including the forms to onboard Northfield as your Total Solutions supplier.





# HUB LOAD RATINGS, CAPACITIES, AND WARRANTY

## Load Ratings and Capacities

Hub capacities in this catalog are based on 20,000 mile B10 bearing life at normal tractor speeds up to to 20 M.P.H and 14,000 P.S.I. maximum fibre stress on the spindle in the bearing and seal area. The use of these products for other than free rolling applications, such as drive wheels, tandem axles, hillside operations, and rough terrain, will reduce the stated capacities. The capacities assume normal tire inflation pressures and do not indicate tire capacity. The actual capacity may vary from the stated capacity due to the conditions of service so the manufacturer must test its equipment under the most severe conditions to determine that the proper component selection has been made.

### IMPORTANT: SAFETY PRECAUTIONS

- 1) Protect yourself from possible improper assembly. Remember that even the most experienced personnel can be careless on occasion and that an inflated tire contains potentially explosive energy. Familiarize yourself with recommended mounting and demounting procedures.
- 2) All tire and wheel components must be matched by size and type. If in doubt, consult the manufacturer's catalogs or other readily available materials.
- 3) Abuse during road operations or in mounting tires can cause damage that may Weaken the parts. Parts that are excessively corroded are weakened. Always inspect for and replace damaged or heavily rusted parts.

## Northfield Warranty

Northfield warrants its products against sub-quality workmanship and material under normal use and service for one year from shipping date. The Warranty for the Hubs applies to Hub and/or H&S Assemblies in which the Spindles are machined by Northfield Industries. Northfield obligation under this guarantee is limited to the replacement of the part only and does not cover consequential damage to property or persons. In all cases, authorization for the return of parts must be obtained from our Customer Service Dept. and such returns are to be shipped F.O.B. Northfield plant, Schaumburg, IL, and are subject to our final inspection to determine their condition. This warranty is in lieu of any other warranty, expressed or implied. It is up to the user to determine the fitness of the product for any particular application or use.

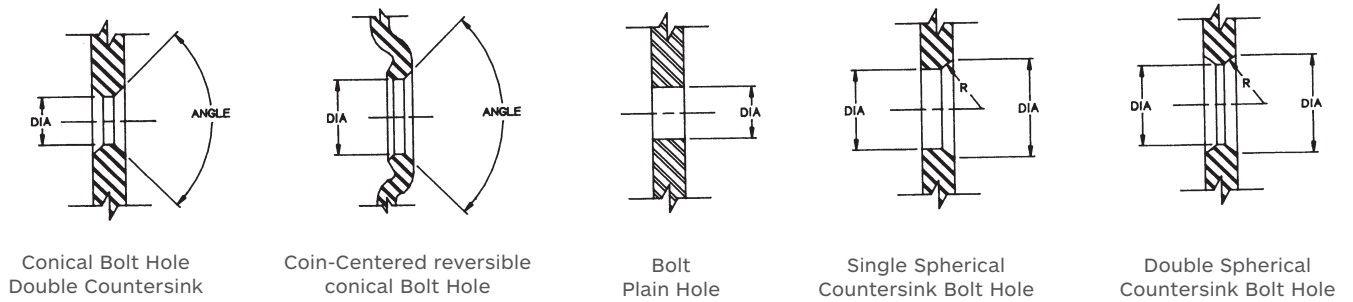
# EXPLANATION OF OFFSETS AND BOLT HOLE SPECS

## What is a Bolt Circle diameter?

The bolt circle diameter is the nominal diameter at which the bolt holes are located.

## What is a Bolt Hole Specification?

A bolt hole specification is the size of the hole and the shape of the head used on the attaching bolts or nuts.



## What is the Capacity?

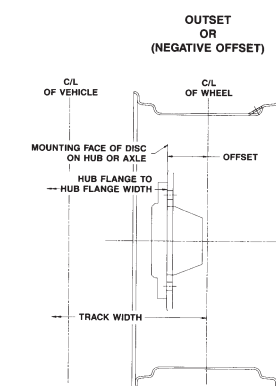
The load rating given to a wheel based on 20 m.p.h. maximum speed. The capacity of a given wheel can be adversely affected by the the center of gravity of a particular implement or vehicle as well as other operating conditions.

## What is a Pilot?

The pilot is the inside diameter of the center hole of a wheel. A hub pilot is the machined diameter surface of a hub which is placed inside the pilot of a wheel.

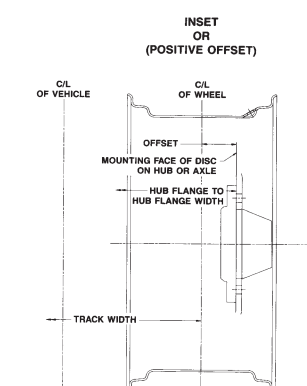
## What is an Offset?

The difference between the rim centerline and the vertical mounting face of the disk.



### Negative Offset (Offset)

Offset is the distance between the mounting face of the disk and the rim centerline. This distance is termed negative when the mounting face is inboard of the rim centerline.



### Positive Offset (Inset)

Offset is the distance between the mounting face of the disk and the rim centerline. This distance is termed positive when the mounting face is outboard of the rim centerline.

# HOW TO ORDER NORTHFIELD'S HUBS AND SPINDLES

## Standard Hub Complete

When ordering a standard hub package complete with all components, indicate the quantity required and the hub complete part number for the specific model hub.

EXAMPLE:	QUANTITY	ITEM DESCRIPTION	PART NO.
Hub Model N633	200	Hub Complete	280500

## Variations to Standard Hub Package

If you require a hub that does not include all of the standard components, or requires additional components, you will need to order by the "building block" approach. This means that each item required must be indicated individually with its corresponding part number.

Grease fittings and painting require special pricing. Spindle lengths, other than standard, require special pricing. Contact your Northfield salesperson or the Customer Service Department for details. Additional components and corresponding part numbers are listed in the Northfield components section of this catalog.

Please contact the Northfield salesperson or the Customer Service Dept at 1-847-755-0777 to obtain a quote on your specific needs.

## Standard Spindle Package

When ordering a standard spindle package complete with all components, indicate the quantity required and the spindle package part number for the specific model spindle.

EXAMPLE:	QUANTITY	ITEM DESCRIPTION	PART NO.
Spindle (Standard length) for hub model N633	200	Spindle Package	280741L10.375 (10.375") Length

# NORTHFIELD ORDER FORM

Order Date: \_\_\_\_\_

Date Received: \_\_\_\_\_

Date Sent To Prod. & Inv Control: \_\_\_\_\_

Date Received From Prod. & Inv Control: \_\_\_\_\_

Northfield Order #	Customer #	Customer P.O. #	Terms	Freight Company	F.O.B.

Bill To:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Ship To:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

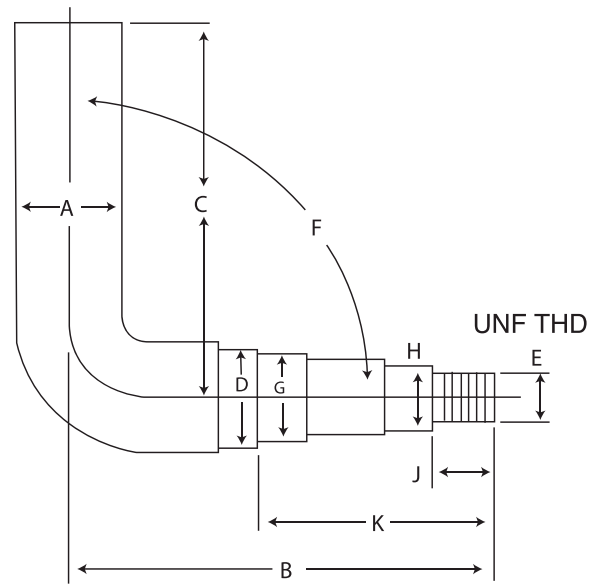
Quantity	Part #	Price	Cust. Part #	Description	Request Date

Routing and shipping instructions:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**THANK YOU**

## SPECIAL SPINDLE ORDER FORM



### Precision Spindles

Northfield offers a wide range of spindles in straight, double-ended, bent, or fork configurations, with capacities varying with the design. They are available in standard hub package sizes, or machined to customer specifications. Northfield spindles are machined from bar stock either hot rolled or cold drawn steel.

(1) For Customer: \_\_\_\_\_

(2) Annual Usage: \_\_\_\_\_

(3) To Fit Hub #: \_\_\_\_\_

(4) Steel Type & Grade: \_\_\_\_\_

(5) Spindle Style (Straight, Bent, Or Double Ended): \_\_\_\_\_

(6) Dimensions:    A. \_\_\_\_\_ B. \_\_\_\_\_ C. \_\_\_\_\_ D. \_\_\_\_\_ E. \_\_\_\_\_

                          F. \_\_\_\_\_ G. \_\_\_\_\_ H. \_\_\_\_\_ I. \_\_\_\_\_ J. \_\_\_\_\_

                          K. \_\_\_\_\_

(7) Competitor's Part #: \_\_\_\_\_

(8) Other Comments: \_\_\_\_\_

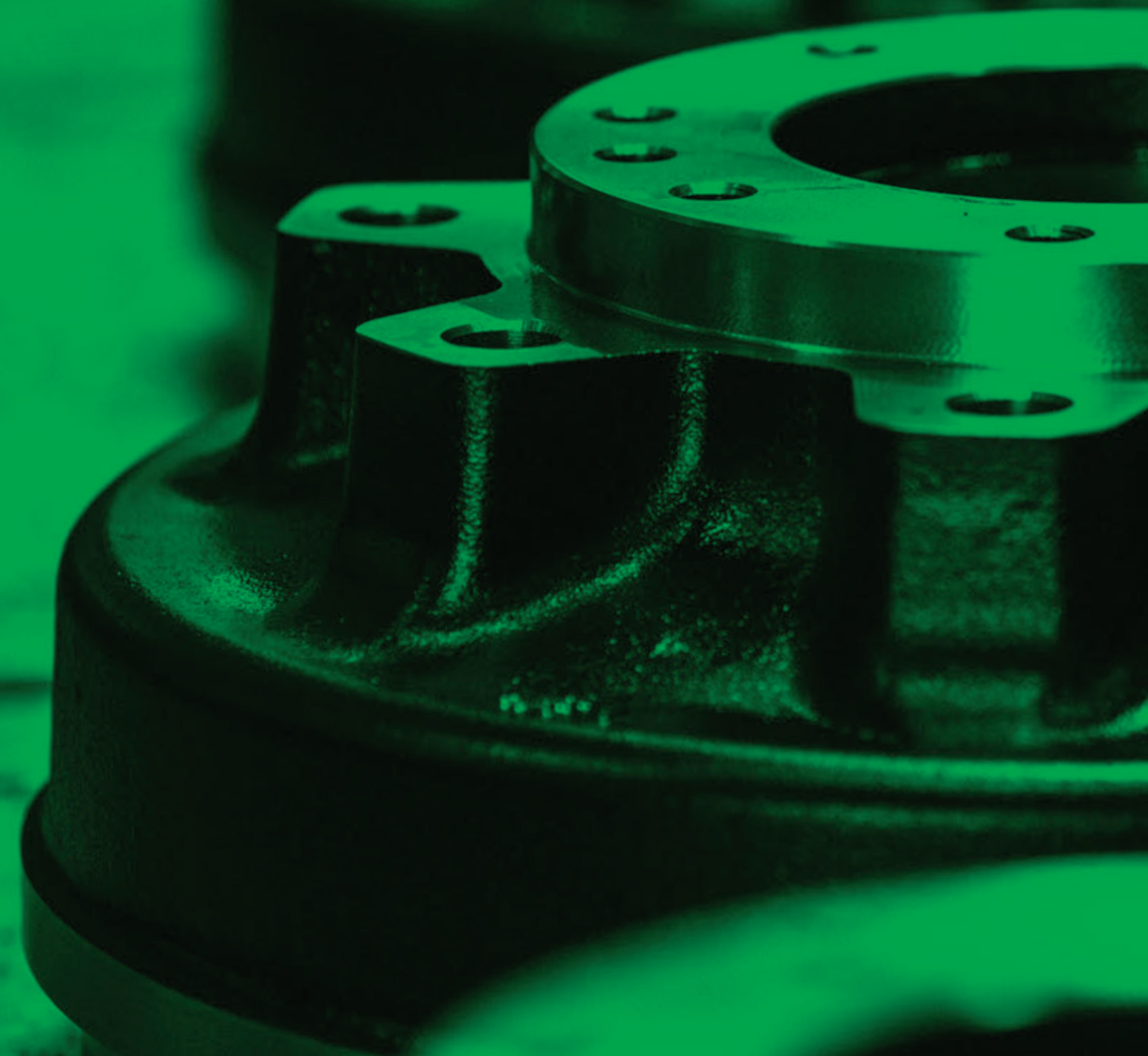
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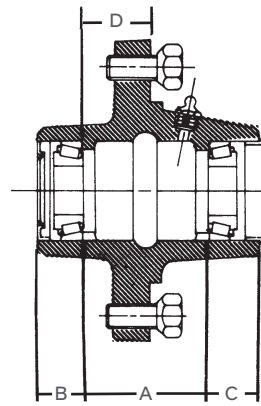
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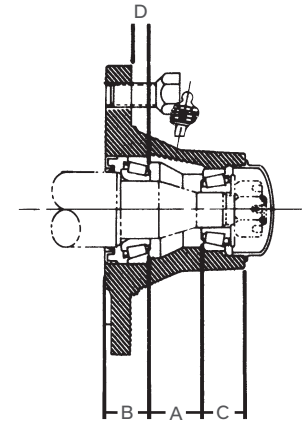
# AGRICULTURAL / INDUSTRIAL HUBS AND SPINDLES



## AG/INDUSTRIAL 4 BOLT, 5" BOLT CIRCLE, 3.62" PILOT



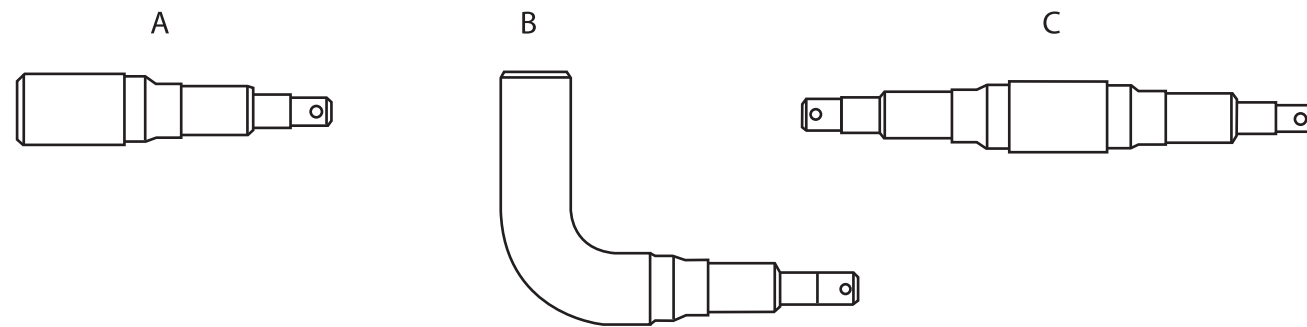
**N10-4**  
with grease fitting,  
painted black



**N12-4**  
with grease fitting

MOD #	CAP. LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	BOLT	SEAL	A	B	C	D
10-4	1000	281100	281101	L44610 910250	L44610 910250	L44643 910254	1.00	L44643 910254	1.00	909900 w	943549	906282	2.53	0.85	1	0.38
12-4	1250	281000	281001	LM67010 910257	LM11910 910258	LM67048 910259	1.25	LM11949 910260	0.75	909931	943549	906293	1.16	0.94	0.88	0.38

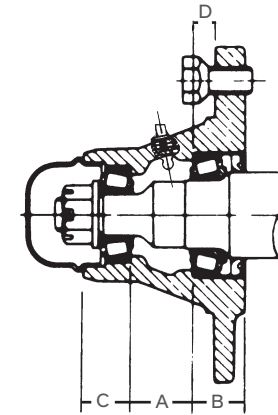
• Hub capacity based on .38" negative offset.



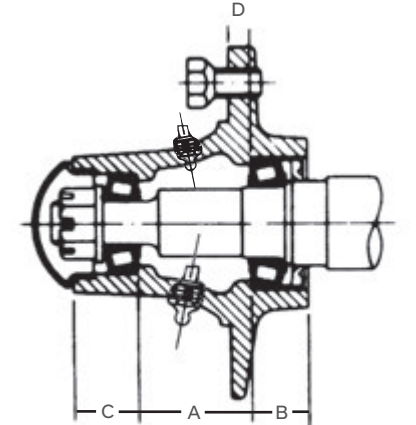
SPINDLE STYLE	FITS MOD #	MATL	MATL DIA	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LENGTH	THREAD	SEAL DIA.
A	10-4	CRS	1.25	281317	281280	913608A	912953	905936	7.5	3/4-16	1.250
A	12-4	CRS	1.625	281300	281200	913615	912954	905936	10	5/8-18	1.625

• Spindles shown are standard. Special spindles along with style "B" and "C" will be manufactured to customer specifications. Please contact your salesperson with your requirements.

## AG/INDUSTRIAL 4 BOLT, 5" BOLT CIRCLE, 3.62" PILOT



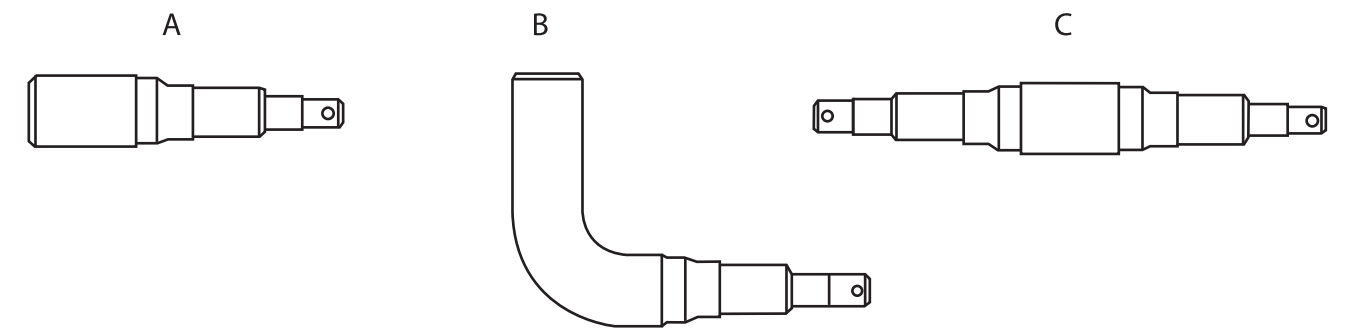
**N669**  
with grease fitting



**N633**  
with grease fitting

MOD #	CAP. LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	BOLT	SEAL	A	B	C	D
669	1250	280610	281001	LM67010 910257	LM11910 910258	LM67048 910259	1.25	LM11949 910260	0.75	909931	943549	906296	1.16	0.94	0.88	0.38
633	1500	280500	280501	LM67010 910257	LM11910 910258	LM67048 910259	1.25	LM11949 910260	0.75	909911 A	943549	906296	2.00	1.00	1.12	0.38

• Hub capacity based on .38" negative offset.  
 • N633 with flange bolt (913572) used for coultter/plain wheel application and segmented tire  
 N633 is similar to CTD413 except for the seal bore - 633- 1 1/2, 413- 1 5/8".  
 • N669 is similiar to CTD411

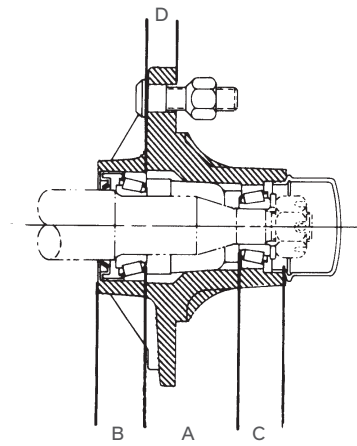


SPINDLE STYLE	FITS MOD #	MATL	MATL DIA	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LENGTH	THREAD	SEAL DIA.
A	669	HRS	1 5/8	280772	280771	913615	912954	905936	10.000	5/8-18	1.500
A	633	HRS	1 5/8	280741	280700	913608A	912953	905936	10.375	3/4-16	1.500

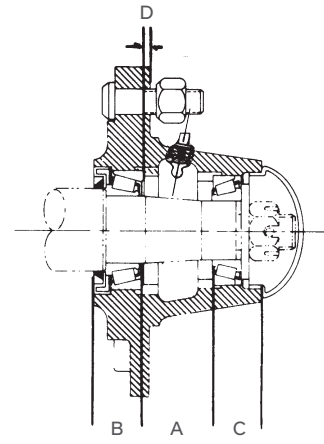
• Spindles shown are standard. Special spindles along with style "B" and "C" will be manufactured to Customer specifications. Please contact your salesperson with your requirements.



## AG/INDUSTRIAL 5 STUD, 5.5" BOLT CIRCLE, 4" PILOT



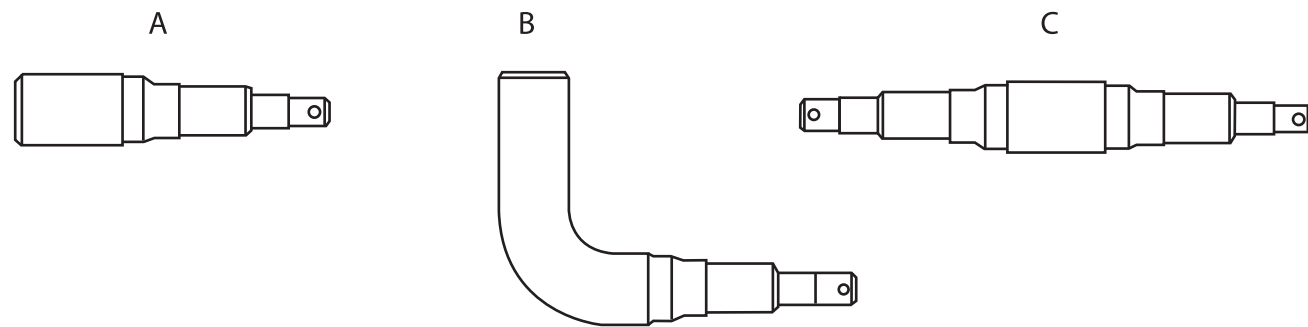
**N20-5**



**N25-5**  
with grease fitting

MOD #	CAP. LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	STUD	NUT	SEAL	A	B	C	D
20-5	2000	281050	281059	LM67010 910257	LM11910 910258	LM67048 910259	1.25	LM11949 910260	0.75	909931	913576	912919	906293	2.00	1.00	0.94	0.63
25-5	2500	281010	381019	LM48510 910261	LM67010 910257	LM48548 910262	1.38	LM67048 910259	1.25	909905	913576	912919	906295	1.56	1.03	0.94	0.19

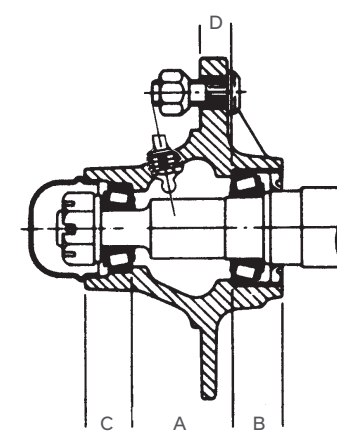
- Hub capacity based on .25" Negative offset.
- N20-5 hub is the same as the n736 and the CTD 511 hubs except with studs instead of bolts and a different seal.
- N20-5 hub with cups, studs, and nuts - N281051
- N25-5 hub is similar to the CTD 517-1.  
N25-5 hub with cups, studs, and nuts - N281011  
N25-5 hub will fit a 719 spindle by using seal 906700 (N581010) complete



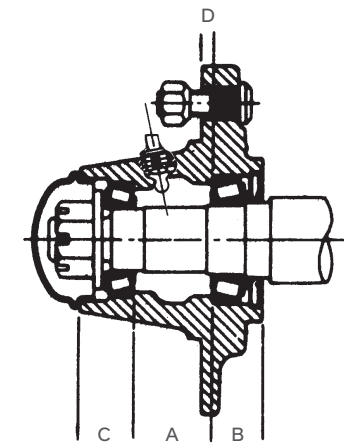
SPINDLE STYLE	FITS MOD #	MATL	MATL DIA	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LENGTH	THREAD	SEAL DIA.
A	20-5	CRS	1 5/8	281304	281240	913615	912954	905936	10.000	5/8-18	1.625
A	25-5	CRS	1 3/4	281301	281210	913616	912953	905936	12.312	3/4-16	1.750

- Spindles shown are standard. Special spindles along with style "B" and "C" will be manufactured to customer specifications. Please contact your salesperson with your requirements.

## AG/INDUSTRIAL 5 STUD, 5.5" BOLT CIRCLE, 4" PILOT



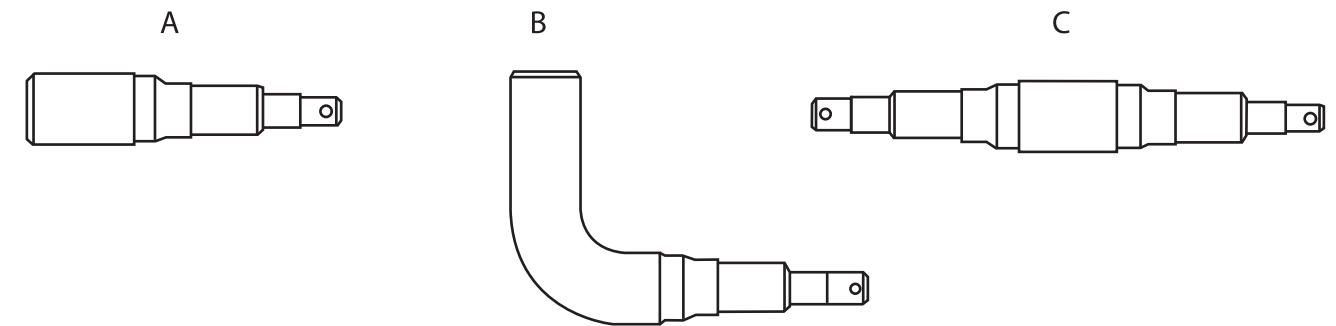
**N736**  
with grease fitting



**N719**  
with grease fitting

MOD #	CAP. LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	STUD	NUT	SEAL	A	B	C	D
736	2000	280540	280541	LM67010 910257	LM11910 910258	LM67048 910259	1.25	LM11949 910260	0.75	909931	913576	912919	906296	2.00	1.00	0.94	0.62
719	2760	280520	280521	LM48510 910261	LM67010 910257	LM48548 910262	1.38	LM67048 910259	1.25	909905	913576	912919	906283	1.56	1.00	1.06	0.22

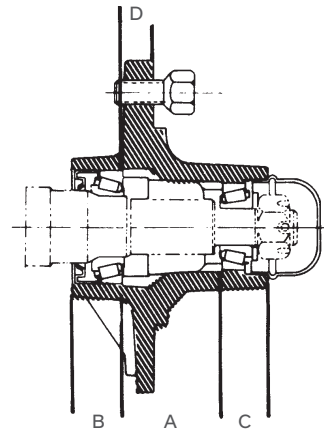
- Hub capacity based on .25" Negative offset.
- N736 hub is the same as the N20-5 and CTD studded 511 hub except for a different seal.  
N736 hub with grease fitting and painted black- w/cups N380541, complete N380540
- N719 is the same as the CTD 517-1 hub.



SPINDLE STYLE	FITS MOD#	MATL	MATL DIA	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LENGTH	THREAD	SEAL DIA.
A	736	HRS	1 5/8	280741	280700	913608A	912953	905936	10.375	3/4-16	1.500
A	719	HRS	1 3/4	280742	280710	913607	912952	905936	11.500	7/8-14	1.750

- Spindles shown are standard. Special spindles along with style "B" and "C" will be manufactured to customer specifications. Please contact your salesperson with your requirements.

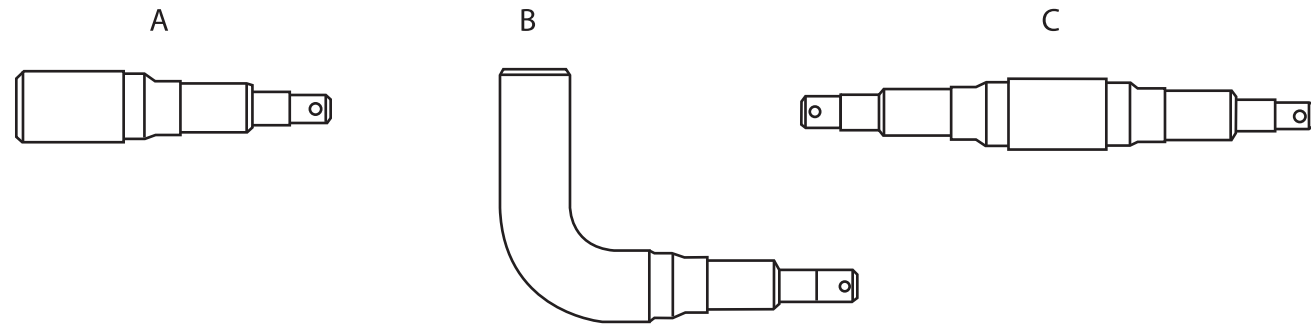
## AG/INDUSTRIAL 5 BOLT, 5.5" BOLT CIRCLE, 4" PILOT



**N511**

MOD #	CAP. LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	BOLT	STUD	NUT	SEAL	A	B	C	D
511	2000	289050	289051	LM67010 910257	LM11910 910258	LM67048 910259	1.25	LM11949 910260	0.75	909931	943549			906296	2.00	1.00	0.94	0.63

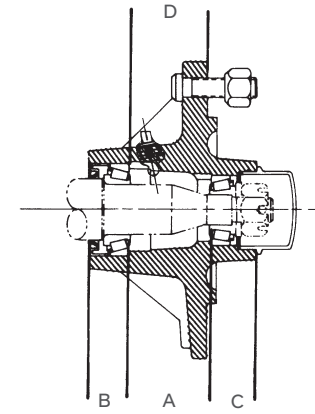
- Hub capacity based on .25" Negative offset.
- N511 is the same hub as the N736 with bolts instead of studs.
- N517 is the same hub as the N719 except a different seal.  
N517 is the same hub as the N-25-5 and they use the same spindle.



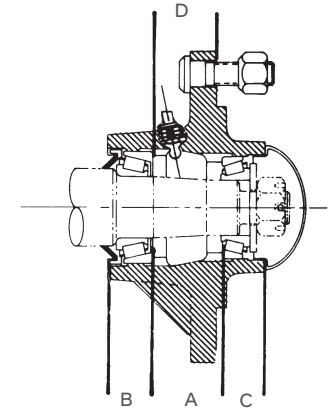
SPINDLE STYLE	FITS MOD #	MATL	MATL DIA	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LENGTH	THREAD	SEAL DIA.
A	511	CRS	1 5/8	289551	289550	913608A	912953	905936	10.375	3/4-16	1.500

- Spindles shown are standard. Special spindles along with style "B" and "C" will be manufactured to customer specifications. Please contact your salesperson with your requirements.

## AG/INDUSTRIAL 6 STUD, 6" BOLT CIRCLE, 4.62" PILOT



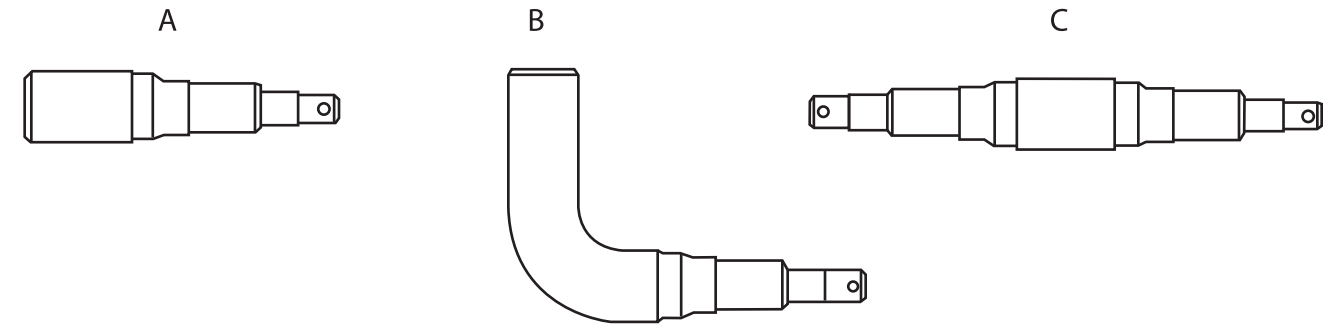
**N20-6**  
with grease fitting



**N25-6**  
with grease fitting

MOD #	CAP. LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	STUD	NUT	SEAL	A	B	C	D
20-6	2000	281060	281069	LM67010 910257	LM11910 910258	LM67048 910259	1.25	LM11949 910260	0.75	909931	913576	912919	906293	2.00	1.00	0.94	1.94
25-6	2500	281020	281029	LM48510 910261	LM67010 910257	LM48548 910262	1.38	LM67048 910259	1.25	909905	913576	912919	906295	1.56	1.03	0.94	1.44

- Hub capacity based on 1.12" Positive offset.  
N20-6 is similar to N872.

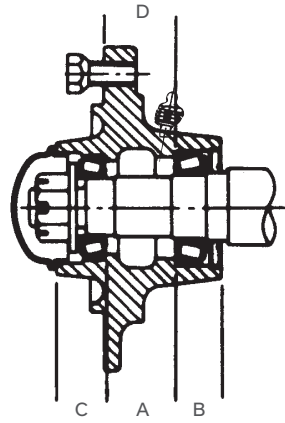


SPINDLE STYLE	FITS MOD#	MATL	MATL DIA	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LENGTH	THREAD	SEAL DIA.
A	20-6	CRS	1 5/8	281304	281240	913615	912954	905936	10.000	5/8-18	1.625
A	25-6	CRS	1 3/4	281301	281210	913616	912953	905936	12.312	3/4-16	1.750

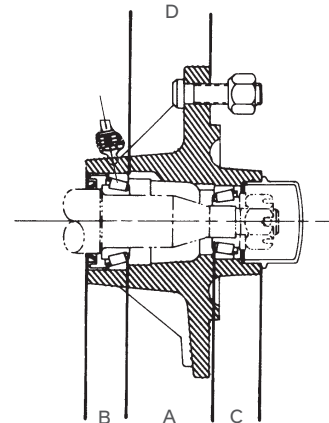
- Spindles shown are standard. Special spindles along with style "B" and "C" will be manufactured to customer specifications. Please contact your salesperson with your requirements.



## AG/INDUSTRIAL 6 BOLT, 6" BOLT CIRCLE, 4.62" PILOT



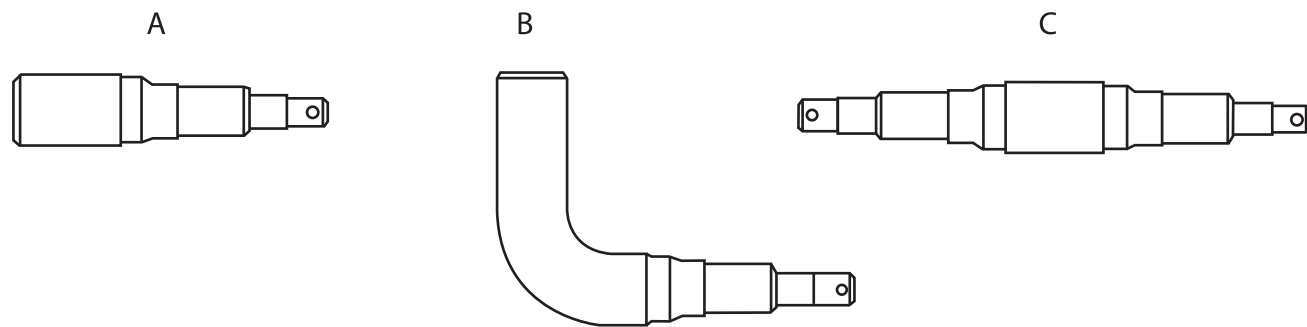
**N709**  
with grease fitting



**N30-6**  
with grease fitting

MOD #	CAP. LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	BOLT	SEAL	NUT	STUD	A	B	C	D
709	2760	280510	280511	LM48510 910261	LM67010 910257	LM48548 910262	1.38	LM67048 910259	1.25	909905	943549	906283			1.56	1.00	1.06	1.59
30-6	3000	281030	281031	LM29710 910274	LM67010 910257	LM29749 910275	1.50	LM67048 910259	1.25	909905		906295	912919	913576				

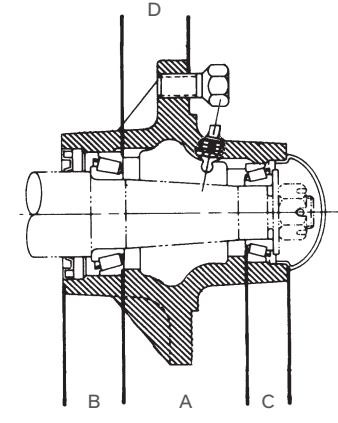
• Hub capacity based on 1.12" Positive offset.



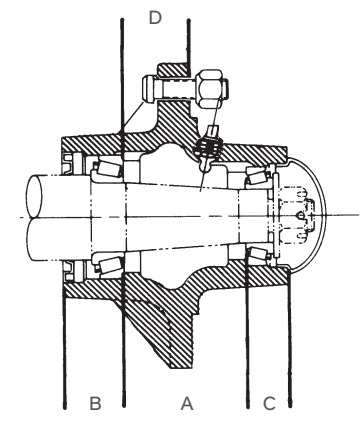
SPINDLE STYLE	FITS MOD#	MATL	MATL DIA	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LENGTH	THREAD	SEAL DIA.
A	709	HRS	1 3/4	280742	280710	913683	912952	905936	11.500	7/8-14	1.500
A	30-6	CRS	1 3/4	281302	281220	913607	912953	905936	12.000	3/4-16	1.750

• Spindles shown are standard. Special spindles along with style "B" and "C" will be manufactured to customer specifications. Please contact your salesperson with your requirements.

## AG/INDUSTRIAL 6 BOLT, 6" BOLT CIRCLE, 4.62" PILOT



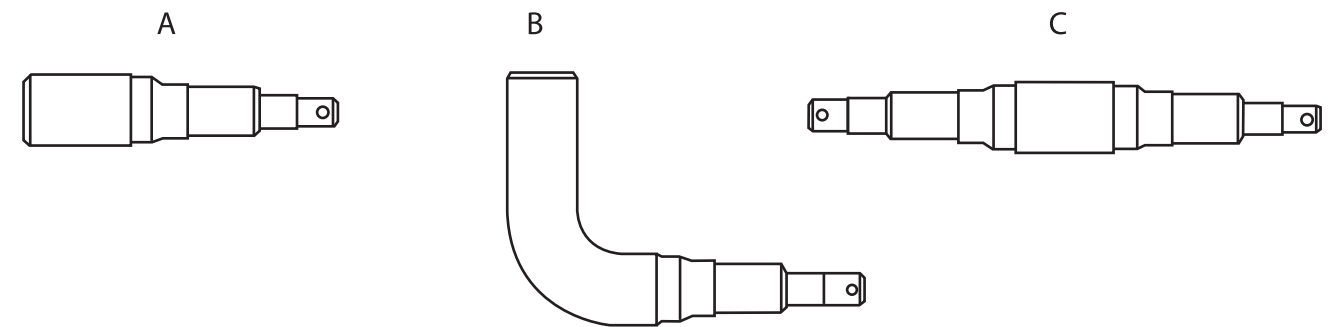
**N35-6 BOLT**  
with grease fitting



**N35-6 STUD**  
with grease fitting

MOD #	CAP. LBS.	HUB COMP	HUB W/CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	BOLT	STUD	NUT	SEAL	A	B	C	D
35-6	3500	281040	281041	LM501310 910272	LM67010 910257	LM501349 910273	1.62	LM67048 910259	1.25	909905	913538			906294	2.84	1.44	0.97	1.56
35-6S	3500	281056	281044	LM501310 910272	LM67010 910257	LM501349 910273	1.62	LM67048 910259	1.25	909905		913548	913549	906294	2.84	1.44	0.97	1.56

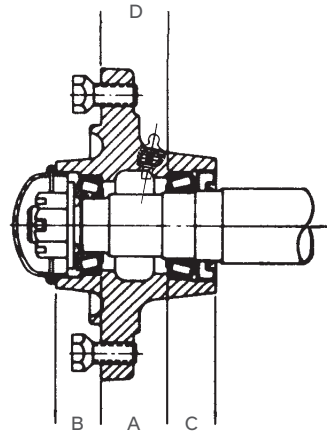
• Hub capacity based on 1.12" Positive offset.



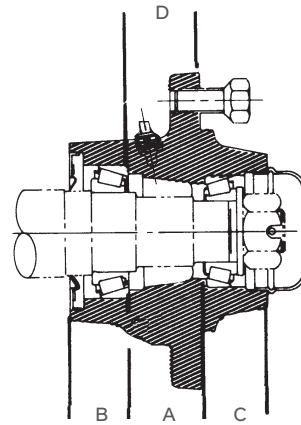
SPINDLE STYLE	FITS MOD #	MATL	MATL DIA	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LENGTH	THREAD	SEAL DIA.
A	35-6	CRS	2	281303	281230	913616	912953	905936	12.000	3/4-16	2.00
A	35-6B	CRS	2	281303	281230	913616	912953	905936	12.000	3/4-16	2.00

• Spindles shown are standard. Special spindles along with style "B" and "C" will be manufactured to customer specifications. Please contact your salesperson with your requirements.

## AG/INDUSTRIAL 6 BOLT, 6" BOLT CIRCLE, 4.62" PILOT



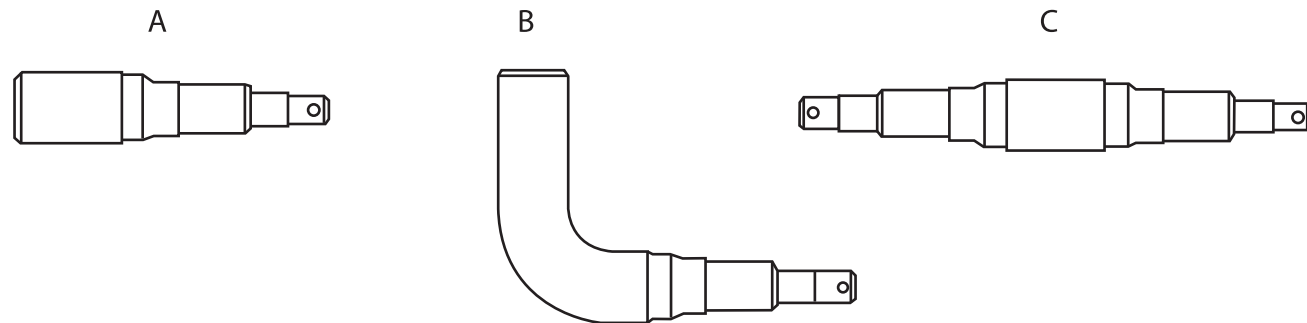
**N888**  
with grease fitting



**N611**  
with grease fitting

MOD #	CAP. LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	BOLT	SEAL	A	B	C	D
888	3560	280550	280551	JL69310 910263	LM67010 910257	JL69349 910264	1.5	LM67048 910259	1.25	909905	943549	906284	1.53	1.09	1	1.53
611	3600	289030	289031	LM29710 910274	LM67010 910257	LM29749 910275	1.50	LM67048 910259	1.25	909905	943549	906295	1.57	1.06	1.00	1.62

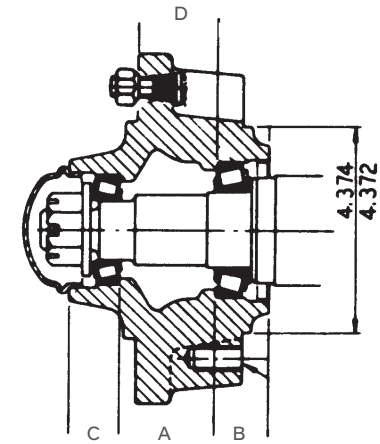
- Hub capacity based on 1.12" Positive offset.
- N888 hub w/cups, studs-N280577.  
N888 hub complete with studs (N953013) and nuts (N912919) -N280576.



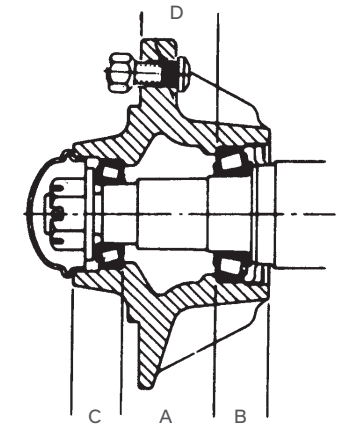
SPINDLE STYLE	FITS MOD #	MATL	MATL DIA.	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LENGTH	THREAD	SEAL DIA.
A	888	HRS	1 3/4	280743	280720	913607	912952	905936	12.500	7/8-14	1.625
A	611	CRS	1 3/4	289531	289530	913622	912959	905940	14.000	1-14	1.750

- Spindles shown are standard. Special spindles along with style "B" and "C" will be manufactured to customer specifications. Please contact your salesperson with your requirements.

## AG/INDUSTRIAL 6 STUD, 6" BOLT CIRCLE, 4.62" PILOT



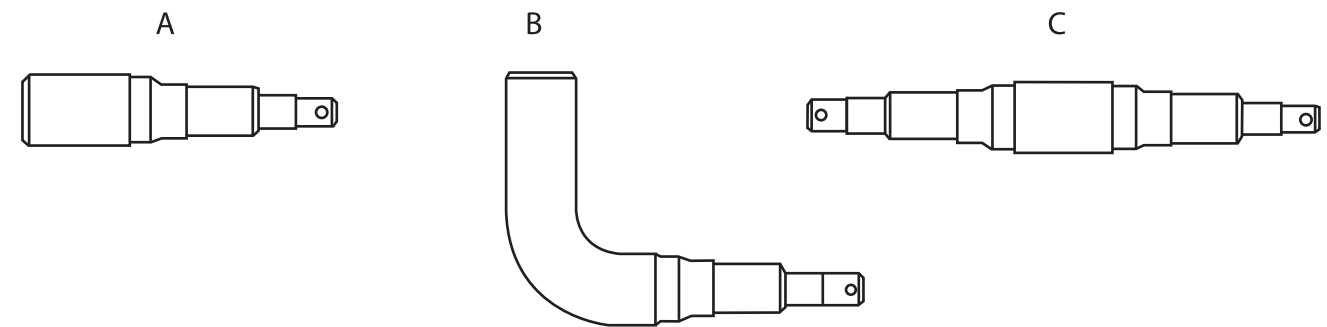
**N887\***



**N890**

MOD #	CAP. LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	STUD	NUT	SEAL	A	B	C	D
887B	4570	287880	287881	LM501310 910272	LM67010 910257	LM501349 910273	1.62	LM67048 910259	1.25	909905	913574	912927	906985	2.00	1.12	1.06	1.68
890	4570	287890	287891	LM501310 910272	LM67010 910257	LM501349 910273	1.62	LM67048 910259	1.25	909905	913574	912927	906985	2.00	1.31	1.06	1.62

- Hub capacity based on 1.12" Positive offset.  
\*Bolt pattern for brake on model 887 is 6 on 5.5 (1/2 - 20 Unf).

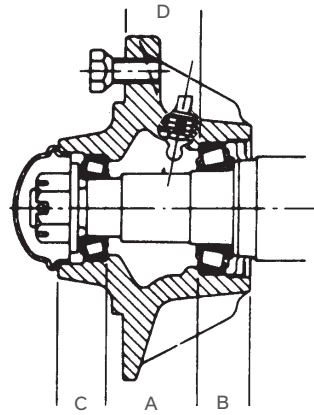


SPINDLE STYLE	FITS MOD #	MATL	MATL DIA	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LENGTH	THREAD	SEAL DIA.
A	887	HRS	2 7/16	287320	287321	913607	912952	905936	15.500	7/8-14	2.25
A	890	HRS	2 7/16	287320	287321	913607	912952	905936	15.500	7/8-14	2.25

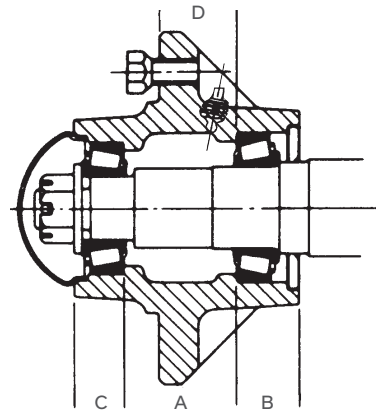
- Spindles shown are standard. Special spindles along with style "B" and "C" will be manufactured to customer specifications. Please contact your salesperson with your requirements.



## AG/INDUSTRIAL 6 BOLT, 6" BOLT CIRCLE, 4.62" PILOT



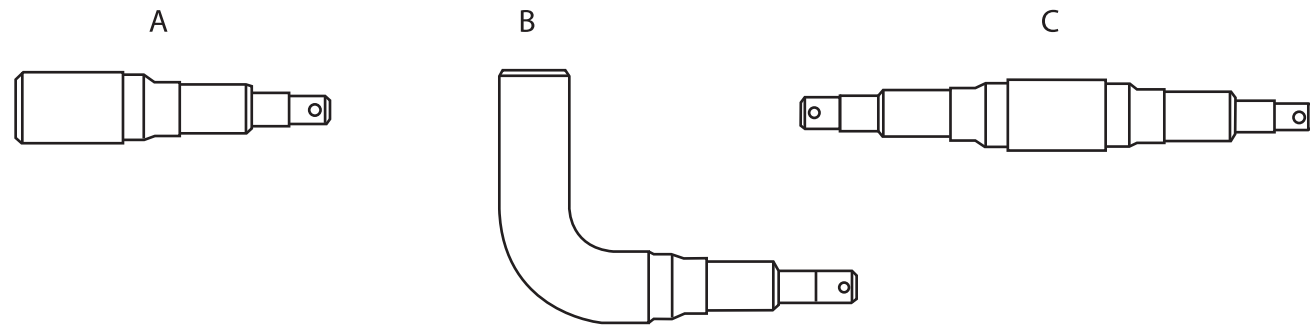
**N783**  
with a grease fitting



**N803**  
with a grease fitting

MOD #	CAP. LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	BOLT	SEAL	A	B	C	D
783	4570	289010	289011	LM501310 910272	LM67010 910257	LM501349 910273	1.62	LM67048 910259	1.25	909905	943549	906493	2.00	1.13	1.06	1.62
803	4910	280580	280581	25520 910265	25821 910266	25590 910267	1.8	25877 910268	1.38	909982	913538	906285	2.50	1.38	1.13	1.75

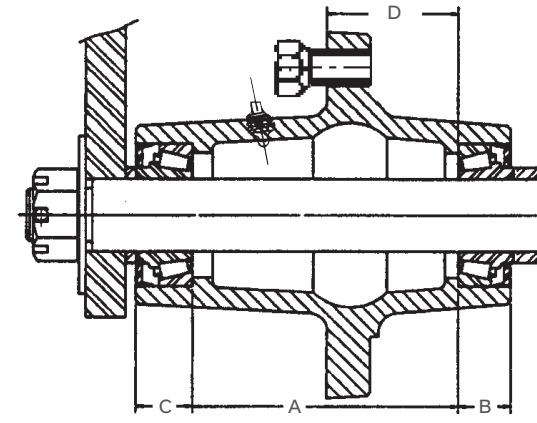
• Hub capacity based on 1.12" Positive offset.



SPINDLE STYLE	FITS MOD #	MATL	MATL DIA.	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LENGTH	THREAD	SEAL DIA.
A	783	HRS	2	289511	289510	913607	912952	905936	12.940	7/8-14	1.875
A	803	HRS	2 1/8	280744	280731	913683	912952	905936	15.437	7/8-14	2.00

• Spindles shown are standard. Special spindles along with style "B" and "C" will be manufactured to customer specifications. Please contact your salesperson with your requirements.

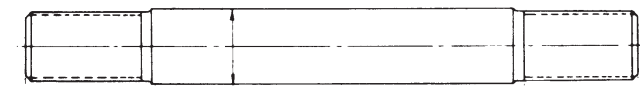
## AG/INDUSTRIAL 6 BOLT, 6" BOLT CIRCLE, 4.62" PILOT



**N617**  
painted black

MOD #	CAP. LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	BOLT	SEAL	A	B	C	D
617	3500	281951	281950	13621 910377	13621 910377	13686 910379	1.50	13686 910379	1.50	N/A	913555	946296	5.00	1.06	1	1.653

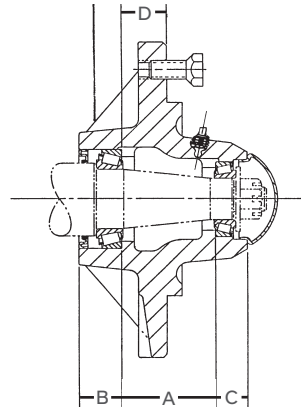
• Hub capacity based on 1.12" Positive offset - 20,000 mile minimum bearing life at tractor speed of 20 mph and 14,000 psi. Hub complete includes 2 seals.



SPINDLE STYLE	FITS MOD #	MATL	MATL DIA.	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	JAM NUT	SHOULDER NUT	OVERALL LENGTH	THREAD	SEAL DIA.
C	617	CRS	1 1/2	287950	287951	912903	912955	11.00	1 1/4 - 12	2.71

• Each of the above spindle package includes 2 jam and shoulder nuts.  
\*Component lead times are 120 days

# AG/INDUSTRIAL 8 BOLT, 8" BOLT CIRCLE, 6" PILOT



**N45-8**  
with grease fitting

MOD #	CAP LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA.	OUTER CONE	BORE DIA.	HUB CAP	BOLT	STUD	NUT	SEAL	A	B	C	D
45-8	4500	281530	281589	LM603011 910276	LM67010 910257	LM603049 910277	1.78	LM67048 910259	1.25	909905		913556	913557	906297	2.83	1.26	0.97	1.38
45-8	4500	281070	281071	LM603011 910276	LM67010 910257	LM603049 910277	1.78	LM67048 910259	1.25	909905	913538			906297	2.83	1.26	0.97	1.38

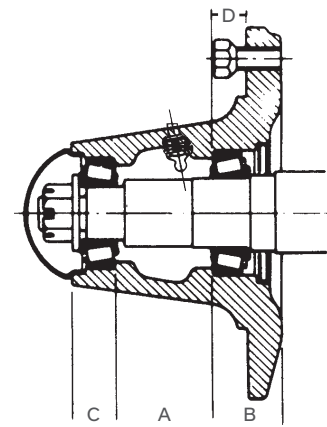
- 45-8 Hub capacity based on 1.12" Positive offset.
- 13" Hub & drums are used on 16"-22" wheels.



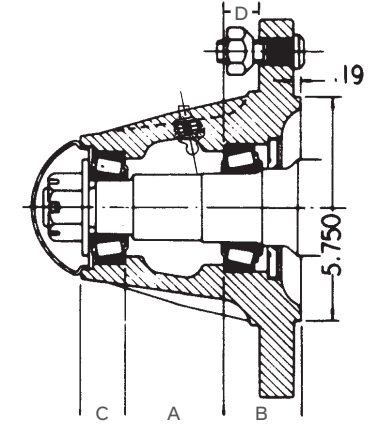
SPINDLE STYLE	FITS MODEL #	MATL	MATL DIA.	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LENGTH	THREAD	SEAL DIA.
A	45-8B	CRS	2 1/4	281306	281250	913616	912953	905936	14.000	3/4-16	2.250

- Spindles shown are standard. Special spindles along with style "B" and "C" will be manufactured to customer specifications. Please contact your salesperson with your requirements.

# AG/INDUSTRIAL 8 BOLT, 8" BOLT CIRCLE, 6" PILOT



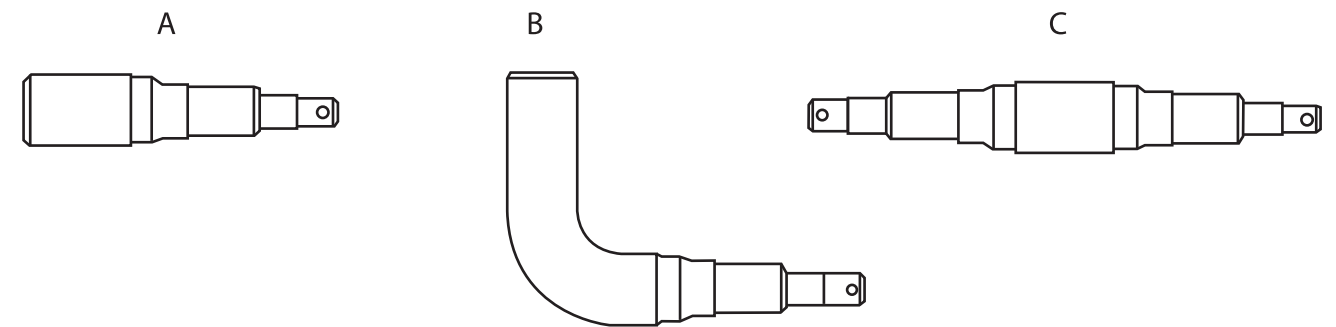
**N778 Bolt**  
with grease fitting



**N778 Stud**  
with grease fitting  
(similar to 813 Hub except this is a non-breaking version)

MOD #	CAP. LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA.	OUTER CONE	BORE DIA.	HUB CAP	BOLT	STUD	NUT	SEAL	A	B	C	D
778	4910	280600	280601	25520 910265	25821 910266	25590 910267	1.79	25877 910268	1.38	909982	913538			906285	2.50	1.75	1.12	0.88
778S	4910	880600	880601	25520 910265	25821 910266	25590 910267	1.79	25877 910268	1.38	909982		913548	913549	906285	2.50	1.75	1.12	0.88

- Hub capacity based on 1.5" Negative offset.

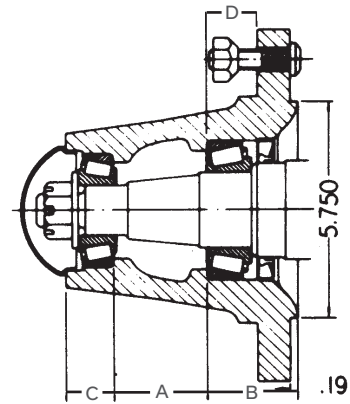


SPINDLE STYLE	FITS MOD #	MATL	MATL DIA.	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LENGTH	THREAD	SEAL DIA.
A	778	HRS	2 1/8	280744	280731	913683	912952	905936	15.437	7/8-14	2.00
A	778/813	HRS	2 1/8	280744	280731	913683	912952	905936	15.437	7/8-14	2.00

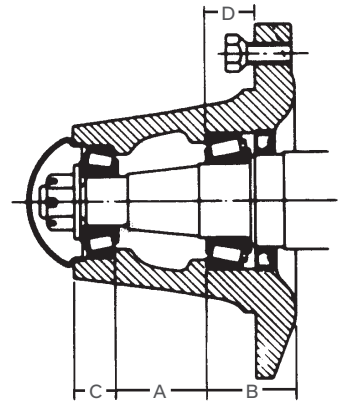
- Spindles shown are standard. Special spindles along with style "B" and "C" will be manufactured to customer specifications. Please contact your salesperson with your requirements.



## AG/INDUSTRIAL 8 BOLT, 8" BOLT CIRCLE, 6" PILOT



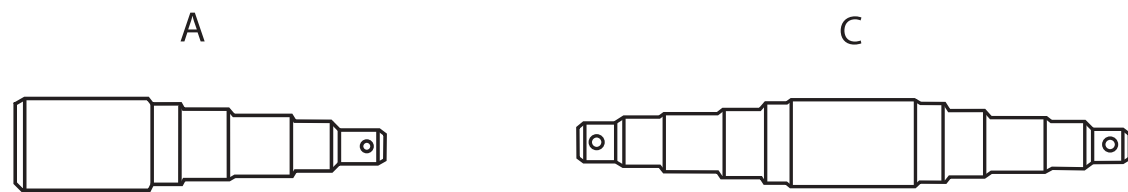
**N819\***  
(studs loose)



**N821**

MOD #	CAP. LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	BOLT	STUD	NUT	SEAL	A	B	C	D
819 *	5790	380667	380671	3720 910284	2720 910285	3780 910286	2.00	2790 910287	1.31	909982		913548	913549	906481	2.44	2.41	1.25	1.34
821	5790	280680	280681	3720 910284	2720 910285	3780 910286	2.00	2790 910287	1.31	909982	913555			906481	2.44	2.41	1.25	1.34

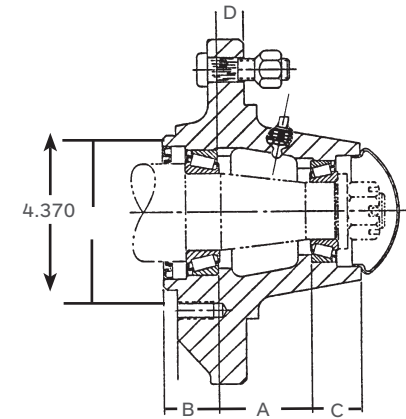
- Hub capacity based on 1.5" Negative offset.
- \*Bolt pattern for brake on model 819 is 8 on 8" (studs thru), 5 3/4" brake pilot.
- Longer stud available for 819-913547 2-1/2" long
- 280670 Hubs/studs complete



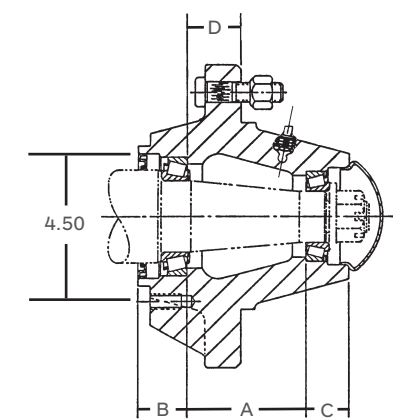
SPINDLE STYLE	FITS MOD#	MATL	MATL DIA	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LENGTH	THREAD	SEAL DIA.
A	819/821	HRS	2 3/4	280985	280986	913683	912952	905936	14.310	7/8-14	2.500

- Spindles shown are standard. Special spindles along with style "B" and "C" will be manufactured to customer specifications. Please contact your salesperson with your requirements.

## AG/INDUSTRIAL 8 STUD, 8" BOLT CIRCLE, 6" PILOT



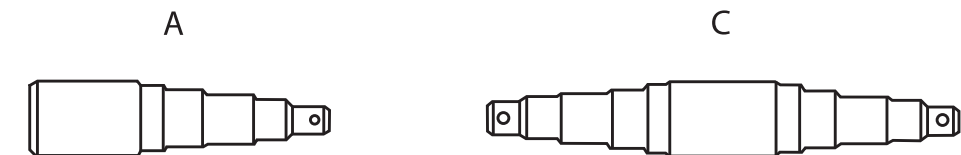
**N60-8/N60-8B\***  
with grease fitting



**N75-8/N75-8B\***  
with grease fitting

MOD #	CAP. LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	STUD	NUT	SEAL	A	B	C	D
60-8	6000	281080	281081	JLM506810 910292	LM501310 910272	JLM506849 910294	2.16	LM501349 910273	1.63	909912	943541	913557	906486	2.56	1.50	1.37	0.75
60-8B	6000	281090	281099	JLM506810 910292	LM501310 910272	JLM506849 910294	2.16	LM501349 910273	1.63	909912	943541	913557	906486	2.56	1.50	1.37	0.75
75-8	7500	281180	281189	382A 910358	LM501310 910272	387AS 910359	2.25	LM501349 910273	1.63	909912	943541	913559	946486	3.77	1.52	1.39	1.66
75-8B	7500	281520	281529	382A 910358	LM501310 910272	387AS 910359	2.25	LM501349 910273	1.63	909912	943541	913557	946486	3.77	1.52	1.39	1.66

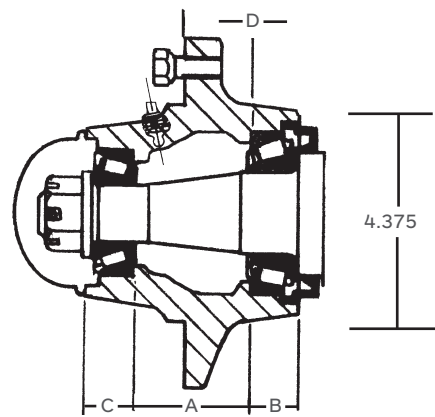
- Hub capacity based on 0.38" Positive offset.
- \*Bolt pattern for brake on above hubs are 8 on 5.5" (1/2 - 20 Unf).
- N75-8 hub is similar to the CTD 817.
- \*Lead times are 5 weeks



SPINDLE STYLE	FITS MOD#	MATL	MATL DIA	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LENGTH	THREAD	SEAL DIA.
A	60-8 60-8B	CRS	2 3/4	281315	281260	913624	912959	905941	14.000	1-14	2.750
A	75-8 75-8B	CRS	3	281910	281911	913624	912959	905941	16.000	1-14	3.000

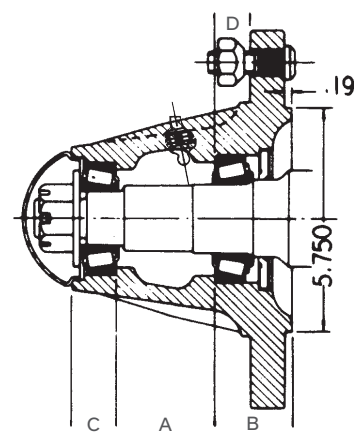
- Spindles shown are standard. Special spindles along with style "B" and "C" will be manufactured to customer specifications. Style "B" spindles are not available for the 75-8 hubs.
- Please contact your salesperson with your requirements.

## AG/INDUSTRIAL 8 STUD, 8" BOLT CIRCLE, 6" PILOT

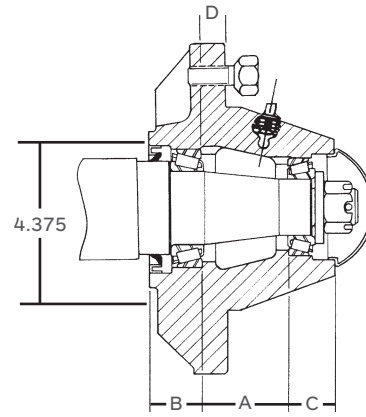


**N848\***

with a grease fitting



**N886**



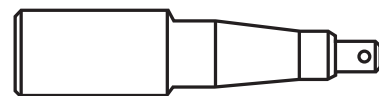
**N80-8/N80-8B\***

with a grease fitting

MOD #	CAP. LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	BOLT	STUD	NUT	SEAL	A	B	C	D
848	8000	287840	287841	39520 910331	3525 910352	39581 910354	2.25	3585 910355	1.62	909930	913555			906984	3.22	1.28	1.41	1.84
886	8000	287130	287131	382A 910358	2720 910285	387AS 910359	2.25	2793 910367	1.37	909982		913575	913557-S	906400	3.00	1.94	1.25	0.75
80-8	8000	281500	281509	JLM506810 910292	LM501310 910272	JLM506849 910294	2.16	LM501349	1.63	909912		913556	913557	906486	2.72	1.50	1.37	0.83
80-8B*	8000	281510	281511	JLM506810 910292	LM501310 910272	JLM506849 910294	2.16	LM501349 910273	1.63	909912		913556	913557	906486	2.72	1.50	1.37	0.83

- 80-8 And 80-8b hub capacity based on .38" Negative offset.
- Bolt pattern for brake on model 80-8b is 8 on 5.5" (1/2 - 20 Unf).
- 848 Hub capacity based on 1.5" Positive offset.
- Lead time is 5 weeks.
- 886 Hub capacity based on 1.5" Negative offset

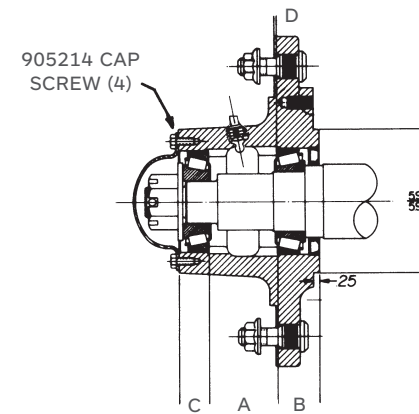
A



SPINDLE STYLE	FITS MODEL #	MATL	MATL DIA	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LENGTH	THREAD	SEAL DIA.
A	848	HRS	3 5/8	287300	287301	913632	912969	905944	15.590	1 1/4-12	3.500
A	80-8 80-8B	CRS	3	281316	281270	913624	912959	905941	16.000	1-14	2.75

- Spindles shown are standard. Style "B" not available. Style "C" spindles will be manufactured to customer specifications. Please contact your salesperson with your requirements.

## AG/INDUSTRIAL 10 STUD, 11.25" BOLT CIRCLE, 8.69" PILOT

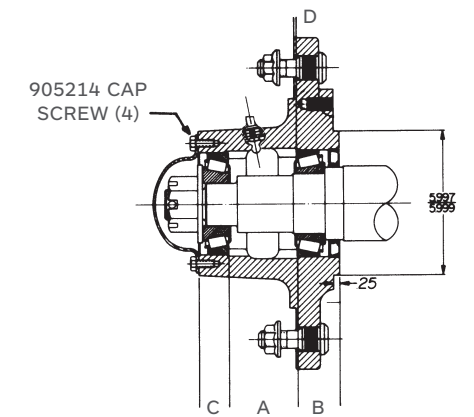


**N871\*** with grease fitting/unpainted w/cups

**N289141** complete **N289130**

**N871\*** w/grease fitting/painted black w/cups

**N389141** complete **N389130**



**N873\***

with grease fitting

painting black

MOD #	CAP. LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	STUD	FLANGE NUT	SEAL	A	B	C	D
871	12000	289130	289141	39520 910331	453A 910332	39585 910333	2.5	460 910334	1.75	909983	953033	913571	906497	2.81	1.75	1.25	0.06
873	15000	289126	289121	33462 910397	453A 910332	33275 910398	2.75	460 910334	1.75	909983	953033	913571	946275	2.81	1.75	1.25	0.06

- Hub capacity based on 0.0" Offset.
- Bolt pattern for brakes is 6 on 8.25" Dia. (1/2 - 20 Unf).
- Hubs are available with either budd, flange, or regular lug nuts.
- N871 hub complete with budd nut 912935 is part #289140.
- N871 and N873 od of the flange is 13.75".
- N871 and N873 comes standard with hubcap gasket 950402
- N873 hub complete with budd nut 912935 is part # 289127.
- N873 version is available in several ductile versions.
- N873 version is available in a cut O.D. of 13.313".

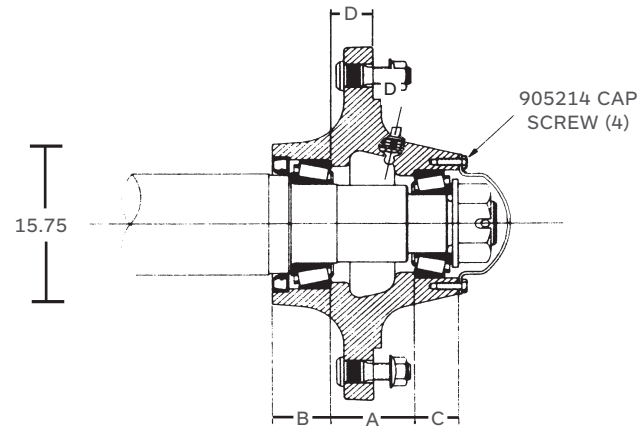
A



SPINDLE STYLE	FITS MOD#	MATL	MATL DIA	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LENGTH	THREAD	SEAL DIA.
A	871	CRS	3 1/8	281309	281297	913632	912969	905944	17.375	1 1/4 -12	3.000
A	873	CRS	3 3/8	286799	286802	913632	912969	905944	17.375	1 1/4 -12	3.375

- Spindles shown are standard. Style "B" not available. Style "C" spindles will be manufactured to customer specifications. Please contact your salesperson with your requirements.

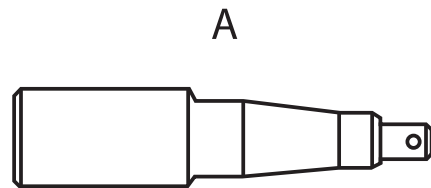
# AG/INDUSTRIAL 10 STUD, 13.19" BOLT CIRCLE, 11.007" PILOT



**N881/882/981**  
with grease fitting / non braking hub

MOD #	CAP. LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	STUD	FLANGE NUT	SEAL	A	B	C	D
881	20000	281170	281171	HM218210 910344	HM212011 910384	HM218248 910346	3.54	HM212049 910347	2.62	909921	953033	913571	906979	3.25	2.28	1.72	1.66
882	22500	281215	281216	HM218210 910344	HM212011 910384	HM218248 910346	3.54	HM212049 910347	2.62	909921	953033	913571	906979	3.25	2.28	1.72	1.66
981	25000	289171	289172	HM218210 910344	HM212011 910384	HM218248 910346	3.54	HM212049 910347	2.62	909921	953033	913571	906979	3.25	2.28	1.72	1.66

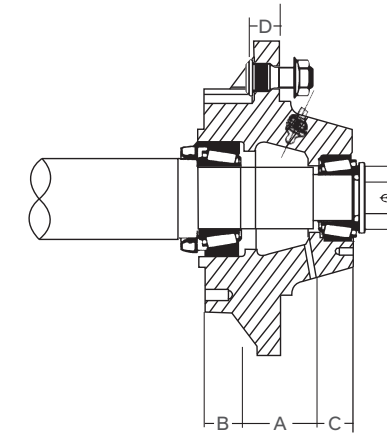
- Hub capacity based on 1.50" positive offset.
- N881 hub with budd nut is part #289180-nut #912935. The O.D. of the flange is 15.875.
- 882 Hub is made out of class 35 gray iron. Minimum 90 day lead time.
- 981 Is the ductile version (65-35-12) of an 881 with a 25,000 lb. capacity (289171) complete (289172) w/cup.



SPINDLE STYLE	FITS MOD#	MATL DIA	MATL DIA	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LENGTH	THREAD	SEAL DIA.
A	881/882 981	HRS	4 1/2	281900	281901	913635	912973	905945	26.500	2 -12	4.375
A	881/882 981	CRS	4 1/2	281916	281915	913635	912973	905945	26.500	2 -12	4.375
A	881/882 981	CD Stressproof	4 1/2	281921	281922	913635	912973	905945	26.500	2 -12	4.375

- Spindles shown are standard. Style "B" spindles are not available. Style "C" spindles will be manufactured to customer specifications.

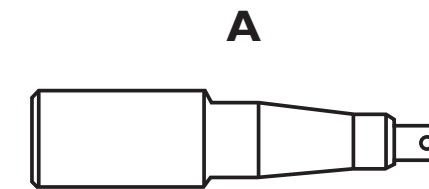
# AG/INDUSTRIAL 10 STUD, 13.19" BOLT CIRCLE, 11.007" PILOT



**25,000 Hub**  
with grease fitting

MOD #	CAP. LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	NUT	STUD	SEAL	A	B	C	D
25,000 Cast	25,000	289190	289189	910345 71750	910385 653	910356 71455	4.52	913057 663	3.24	909922	913480	913472	906980	4.56	2.75	2.00	2.19
32,000 Ductile	32000	389190	389189	910345 71750	910385 653	910356 71455	4.52	910057 663	3.24	909922	913480	913472	906980	4.56	2.75	2.00	2.19

- Hub capacity based on 1.12" positive offset.
- 10x11" BC for brakes
- 13.187" BC for studs
- Please inquire about 20 Bolt, 50,000lb capacity Hub.
- Minimum 90 Day lead time.

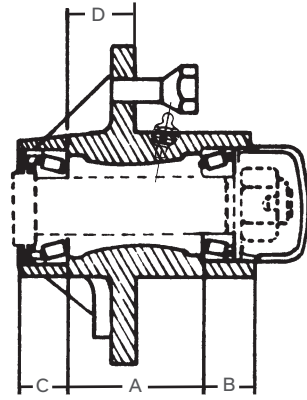


SPINDLE STYLE	FITS MOD#	MATL	MATL DIA	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LENGTH	THREAD	SEAL DIA.
A	25/32,000	HRS	6	289919	281920	913638	913250	905948	29.5	2 1/2-12	5.556
A	25/32,000	CDS	6	281921	281922	913638	913250	905948	29.5	2 1/2-12	5.556

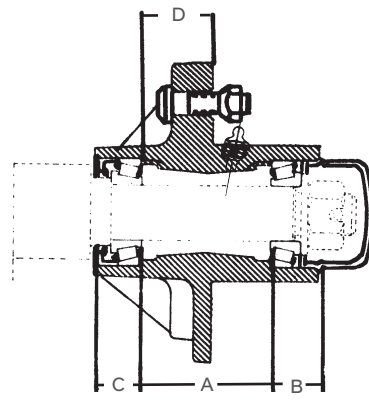
- Spindles shown are standard. Special spindles will be manufactured to customer specifications. Please contact your salesperson with your requirements.



## HIGH SPEED RV 4 BOLT, 4" BOLT CIRCLE, 2.5" PILOT



**BT 100 HUBS**  
8",10",12" WHEELS

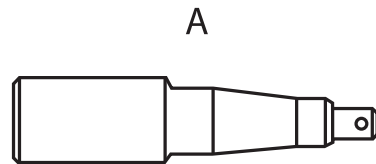


**N442/443**  
with grease fitting

**N440/N441**  
with grease fitting

MOD #	CAP LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	BOLT	STUD	NUT	SEAL	A	B	C	D
440	1250	280306	280301	L44610 910250	L44610 910250	L44643 910254	1.00	L44643 910254	1.00	909900 W	913541			906282	2.36	0.79	0.84	1.34
441	1250	280316	280311	L44610 910250	L44610 910250	L44643 910254	1.00	L44643 910254	1.00	909900 W		953002	912919	906282	2.36	0.79	0.84	1.34
442	1350	280307	280301	L44610 910250	L44610 910250	L44649 910253	1.06	L44649 910253	1.06	909900 W	913541			906282	2.36	0.79	0.84	1.34
443	1350	280317	280311	L44610 910250	L44610 910250	L44649 910253	1.06	L44649 910253	1.06	909900 W		953002	912919	906282	2.36	0.79	0.84	1.34

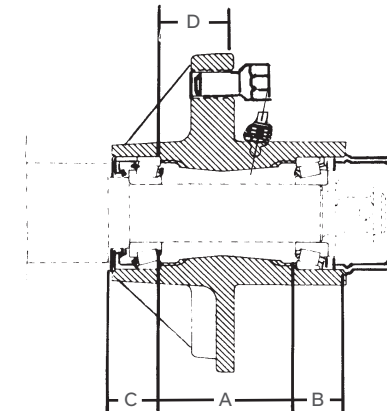
- Hub capacity based on "0" offset.
- Only difference between these two hubs (440-441 & 442-443) is the inner and outer bearings- 440& 441 Uses 1 inch bearings and spindle diameter, 1 1/4, 1 1/2, 1 5/8, & 1 3/4.
- 442 & 443 Use 1 1/16 bearings and uses spindle diameter 1 3/4 only.



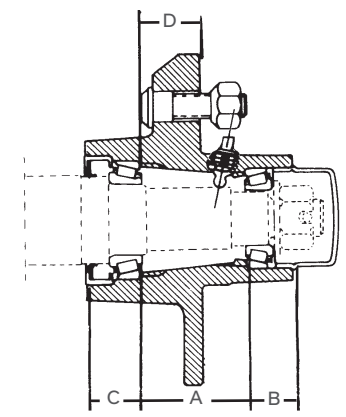
SPINDLE STYLE	FITS MODEL #	MATL	MATL DIA	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LEGNTH	THREAD	SEAL DIA
A	440/441	CRS	1 1/4	280799	280768	913608A	912953	905936	7.0	3/4-16	1.250
A	440/441	CRS	1 1/2	280756	280755	913608A	912953	905936	8.75	3/4-16	1.250
A	440/441	HRS	1 5/8	280758	280757	913608A	912953	905936	12.50	3/4-16	1.250
A	440/441	HRS	1 3/4	280746	280736	913608A	912953	905936	8.75	3/4-16	1.250
A	442/443	HRS	1 3/4	280748	280738	913608A	912953	905936	8.375	3/4-16	1.250

- All R.V. spindles can be made out of either HRS or CRS at the customers request.

## HIGH SPEED RV 5 BOLT, 4.5" BOLT CIRCLE, 2.5" PILOT



**N545 BOLT**  
with grease fitting

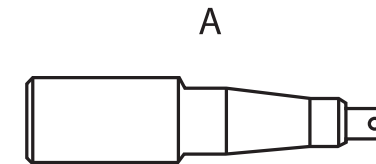


**N545 STUD**  
with grease fitting

**BT 150 HUBS**  
8",10",12" WHEELS

MOD #	CAP LBS.	HUB COMP	HUB CUPS	INNER CUP	OUTER CUP	INNER CONE	BORE DIA	OUTER CONE	BORE DIA	HUB CAP	BOLT	STUD	NUT	SEAL	A	B	C	D
5450	1250	280266	280261	L44610 910250	L44610 910250	L44643 910254	1.00	L44643 910254	1.00	909900 W	913541			906282	2.36	0.79	0.84	1.34
5451	1250	280286	280281	L44610 910250	L44610 910250	L44643 910254	1.00	L44643 910254	1.00	909900 W		953002	912919	906282	2.36	0.79	0.84	1.34
5452	1250	280267	280261	L44610 910250	L44610 910250	L44649 910253	1.06	L44649 910253	1.06	909900 W	913541			906282	2.36	0.79	0.84	1.34
5453	1250	280287	280281	L44610 910250	L44610 910250	L44649 910253	1.06	L44649 910253	1.06	909900 W		953002	912919	906282	2.36	0.79	0.84	1.34
5456	1750	280050	280000	L68111 910251	L44610 910250	L68149 910252	1.38	L44649 910253	1.06	909900 W	913541			906281	2.10	0.92	1.10	1.21
5457	1750	280090	280080	L68111 910251	L44610 910250	L68149 910252	1.38	L44649 910253	1.06	909900 W		953002	912919	906281	2.10	0.92	1.10	1.21

- Hub capacity based on 0.0" offset.
- Small flange diameter is 5 9/16, used on 8,10,& 12" rims.
- Large flange diameter is 6 1/2, used on 13" and up rims.
- Hubs 5452 & 5453 uses 1 1/16 inner and outer bearings and uses only a 1 3/4 diameter spindle.



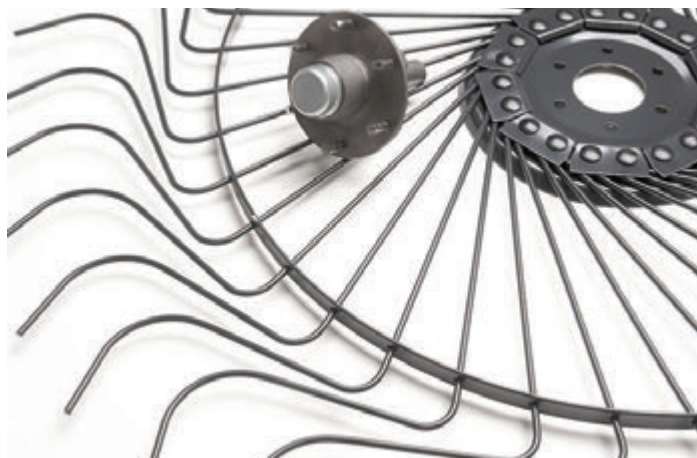
FITS MODEL #	MATL	MATL DIA	SPINDLE PKG NUMBER	SPINDLE ONLY NUMBER	WASHER NUMBER	NUT NUMBER	PIN NUMBER	OVERALL LEGNTH	THREAD	SEAL DIA
5450 5451	CRS	1 1/4	280799	280768	913608A	912953	905936	7.00	3/4-16	1.250
5450 5451	CRS	1 1/2	280756	280755	913608A	912953	905936	8.75	3/4-16	1.250
5450 5451	HRS	1 5/8	280758	280757	913608A	912953	905936	12.50	3/4-16	1.250
5450 5451	HRS	1 3/4	280746	280736	913608A	912953	905936	8.75	3/4-16	1.250
5452 5453	HRS	1 3/4	280748	280738	913608A	912953	905936	8.375	3/4-16	1.250
5456 5457	CRS	1 3/4	286928	286929	951801	953005	905936	8.25	1-14	1.719

# SUPERIOR HUBS AND SPINDLES

HUBS



RAKE & RAKE HUB



FORKLIFT HUB





# CAPABILITIES TO DELIVER CUSTOMIZED SOLUTIONS.

## PRECISION MACHINING

Northfield offers a comprehensive range of precision machining services. We go beyond precision machining: Our goal is to become an extension of your team, from engineering, to prototypes, to production runs, we will perform flawlessly. Northfield will make your precision parts from as large as 17,000 lbs, to parts that fit into the palm of your hand. Our equipment is modern, fast and precise, with tolerances as tight as 0.0002 inches.



## JACKS

Northfield offers a complete line of square and round tongue Jacks. Our capacity ranges from 2,000lb to 12,000lb support. Special orders according to custom dimensions and surface treatment are welcome.



## HUBS AND SPINDLES

Northfield produces a complete line of Hubs and Spindles for the Agricultural Equipment market and the Industrial Equipment market. Our comprehensive line ranges from 20 bolt hubs with 50,000lb capacity, down to 4 bolt hubs with 1,000lb capacity, and everything in between. We produce all spindles and carry all bearings, seals and other components to complete this line.

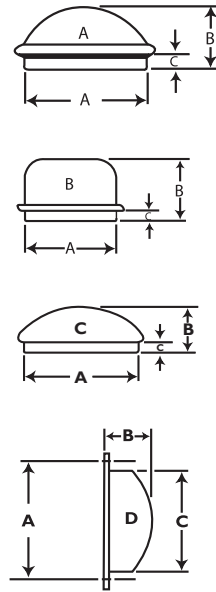


# COMPONENTS



## HUB CAPS

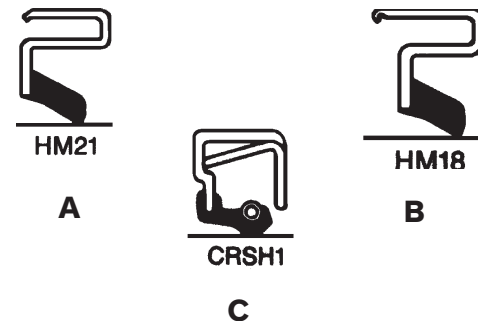
INDUSTRY #	NORTHFIELD #	TYPE	GAUGE	MATERIAL THK	DIM A	DIM B	DIM C	PLATED
1505	909900W	B	20	.032	1.986	1.122	.375	NP
1513	909902	A	15	.068	2.443	1.240	.30	NP
1604	909905	A	16	.057	2.438	1.7	.29	NP
1523	909907	A	20	.032	1.937	.974	.339	NP
1527	909911-A	C	15	.068	1.956	.950	.330	NP
1609	909912	C	17	.054	3.125	1.31	.300	NP
N/A	909921	D	12	.104	5.500	1.910	4.41	NP
1526	909926	B	20	.036	2.720	1.44	.313	NP
1524	909931	A	16	.059	1.942	1.375	.255	NP
1601	909970	C	16	.060	2.333	1.281	.370	NP
1602	909969	B	16	.060	3.255	1.145	.63	NP
1531	909982	C	16	.064	3.153	1.380	.323	NP
N/A	909983	D	16	.060	5.000	1.750	3.680	NP
Hub Cap Screw	905214	N/A	N/A	5/16-18	1/2	1/2	N/A	Clear Zinc
Hub Cap Gasket	950402	N/A	N/A	N/A	N/A	N/A	N/A	N/A



## SEALS

NORTHFIELD #	INDUSTRY #	SEAL TYPE	SHAFT DIA	BORE DIA	SEAL WIDTH
906278	15235	R	1.5	2.562	.313
906281	17146	B	1.719	2.875	.500
906282	12437	A	2.250	1.983	.250
906283	15190	A	1.500	2.623	.250
906284	16289	B	1.625	2.562	.250
906285	20148	A	2.000	3.623	.250
906293	16069	B	1.625	2.328	.438
906294	20044	A	2.000	3.061	.250
906295	17617	B	1.750	2.718	.359
906296	14975	B	1.500	2.328	.390
906297	22392	A	2.250	3.061	.250
906481	25091	C	2.500	3.751	.438
906486	27394	A	2.750	3.751	.250
906493	18823	A	1.875	3.000	.250
906497	30087	C	3.000	4.500	.438
906979	43771	C	4.375	6.00	.500
906985	22368	C	2.250	3.00	.250
906998	20053	DbI-lip	2.000	3.061	.500
946275	33772	C	3.375	4.626	.438
946296	20952	B	2.126	2.717	.296
946486	29968	A	3.000	4.000	.250
946926	20952	B	2.130	2.720	.300
950043	16290	VH	1.620	2.560	.310

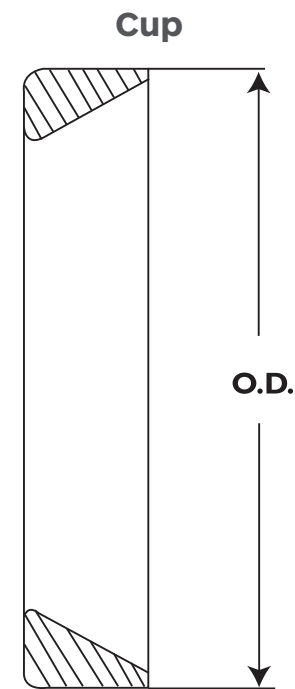
NORTHFIELD #	INDUSTRY #	SEAL TYPE	SHAFT DIA	BORE DIA	SEAL WIDTH
950046	20144	VH	2.000	3.320	.440
950100	15194	R	1.500	2.623	.313
906476	15174	G	1.500	2.462	.290
906477	16286	H	1.625	2.436	.250
906480	13711	B	1.375	2.328	.406
906487	22870	B	2.297	3.148	.359
906488	17413	DbI-lip	1.750	2.565	.313
906495	12428	E	1.250	1.983	.250
906778	26260	VH	2.650	3.623	.250
906800	15190	DbI-lip	1.500	2.623	.250
906984	35062	L	3.500	4.840	.910
906494	20006	VH	2.000	3.623	.250



## CUPS

### Tapered Roller Bearings

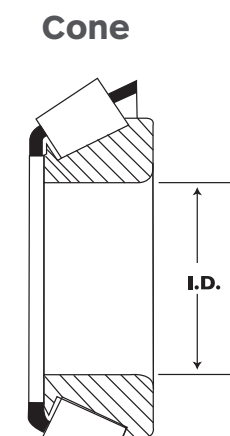
NORTHFIELD #	INDUSTRY STANDARD	CUP OD
910250	L44610	1.979
910251	L68111	2.360
910257	LM67010	2.327
910258	LM11910	1.780
910261	LM48510	2.562
910263	JL69310	2.479
910265	25520	3.264
910266	25821	2.874
910272	LM501310	2.890
910274	LM29710	2.562
910276	LM603011	3.061
910284	3720	3.670
910285	2720	3.000
910292	JLM506810	3.540
910331	39520	4.437
910332	453A	4.250
910344	HM218210	5.786
910358	382A	3.811
910377	13621	2.717
910384	HM212011	4.812
910397	33462	4.625



## CONES

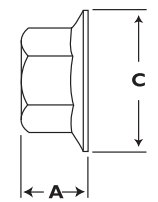
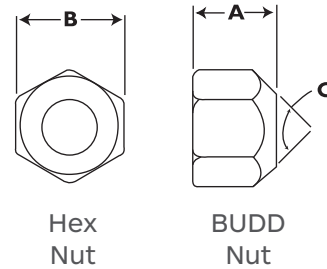
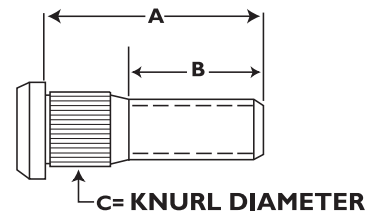
### Tapered Roller Bearings

NORTHFIELD #	INDUSTRY STANDARD	CONE ID
910252	L68149	1.38
910253	L44649	1.06
910254	L44643	1.00
910259	LM67048	1.25
910260	LM11949	0.75
910262	LM48548	1.38
910264	JL69349	1.50
910267	25590	1.79
910268	25877	1.38
910273	LM501349	1.62
910275	LM29749	1.5
910277	LM603049	1.78
910286	3780	2.00
910287	2790	1.31
910289	342A	1.62
910291	14137A	1.375
910294	JLM506849	2.16
910333	39585	2.50
910334	460	1.75
910346	HM218248	3.54
910347	HM212049	2.62
910353	2796	1.38
910354	39581	2.25
910355	3585	1.62
910359	387AS	2.25
910379	13686	1.500
910383	LM104949	2.00
910398	33275	2.75



## WHEEL STUDS NUTS AND BOLTS

STUD #	THD	DIM A	DIM B	DIM C	PL	GRADE
913574	1/2 - 20	1 5/8	1.06	.615	Clear Zinc	J1102
913576	1/2 - 20	1 7/8	1.28	.615	Clear Zinc	J1102
953002	1/2 - 20	1 7/8	1.30	.537	Clear Zinc	J1102
953013	1/2 - 20	2.00	1.17	.615	Black	GR8
913547	9/16 - 18	2 1/2	1.60	.615	Yellow Zinc	J1102
913548	9/16 - 18	2 1/2	1.40	.615	Yellow Zinc	J1102
953019	9/16 - 18	2 1/4	1.40	.615	Yellow Zinc	GR8
913556	5/8 - 18	2 1/4	1 1/2	.680	Black	GR5
943527	5/8 - 18	2 3/8	1 5/8	.680	Yellow Zinc	GR8
943541	5/8 - 18	2 1/2	1 5/8	.680	Yellow Zinc	GR8
953033	3/4 - 16	2 13/16	1 13/16	1.007	Black	GR8
953035	3/4 - 16	3.50	2.50	1.007	BLACK	GRB

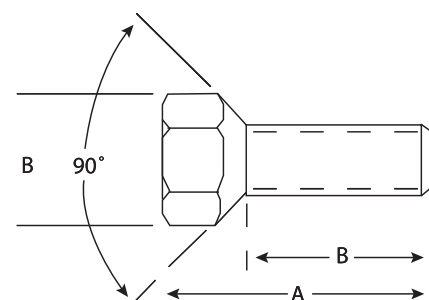


Flange Nut

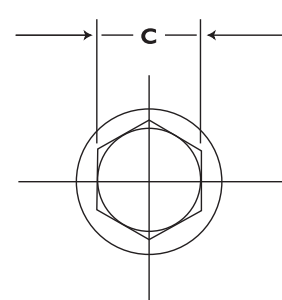
NUT #	THD	DIM A	DIM B	DIM C	PL	TYPE
912919-YZ	1/2 - 20	5/8	13/16	N/A	Yellow Zinc	HEX
912919	1/2 - 20	5/8	13/16	N/A	PL	HEX
913549	9/16 - 18	11/16	1.00	N/A	PL	HEX
912927	1/2 - 20	5/8	13/16	N/A	PL	HEX
913549-YZ	9/16 - 18	11/16	1.00	N/A	Yellow Zinc	HEX
912936	5/8 - 18	9/16	15/16	1.234	Yellow Zinc	Flange Nut
913557	5/8 - 18	.665	15/16	N/A	Clear Zinc	HEX
913557-YZ	5/8 - 18	.665	15/16	N/A	Yellow Zinc	HEX
912935	3/4 - 16	7/8	1 1/2	.875Radius	PL	BUDD
913571	3/4 - 16	.655	1.094	1.52	Yellow Zinc	Flange Nut

BOLT #	TYPE	THD	DIM A	DIM B	DIM C	PL	GRADE
905214	Hub Cap Skrew	5/16-18	1/2	1/2	N/A	Clear Zinc	GR5
913538	Lug Bolt	9/16-18	1 11/16	1 1/8	7/8	Clear Zinc	GR5
913539	Lug Bolt	1/2 - 20	1 1/2	1	3/4	Yellow Zinc	GR5
913541	Lug Bolt	1/2 - 20	1 5/8	.84	13/16	Clear Zinc	GR5
913555	Lug Bolt	9/16 - 18	2 1/8	1 1/2	7/8	Clear Zinc	GR5
913572	Flange Bolt	1/2 - 20	1 3/4	1 1/4	3/4	Clear Zinc	GR5
943549	Lug Bolt	1/2 - 20	1 3/4	1 1/4	13/16	Clear Zinc	GR5

Lug Type Bolts



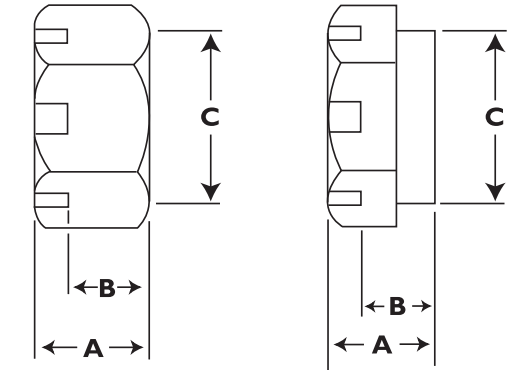
Flange Type Bolts



## SLOTTED HEX NUTS/WASHERS/COTTER PINS

NUT #	THD	DIM A	DIM B	DIM C	STYLE
912952	7/8 - 14	.750	.500	1 5/16	A
912953	3/4 - 16	.644	.387	1 1/8	A
912954	5/8 - 18	.546	.320	15/16	B
912959	1 - 14	.864	.573	1 1/2	A
912962	1 1/4 - 12	1.060	.400	1 7/8	JAM
912969	1 1/4 - 12	1.04	.685	1.87	A
912973	2 - 12	1.250	.620	3 1/8	A
953005	1 - 14	.53	.30	1 1/2	A

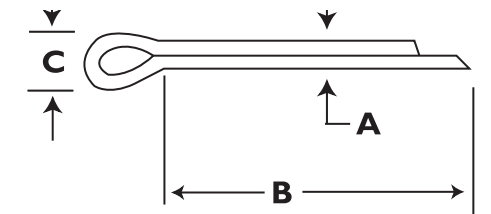
• Style a nuts - the dim c is across the flats.



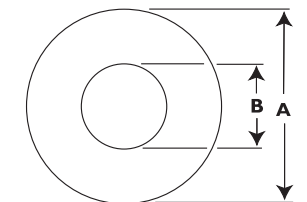
Style A

Style B

PIN #	FINISH	DIM A	DIM B	DIM C
905936	NP	.150	1.750	.312
905940	NP	.312	2.500	.750
905941	NP	.200	2.250	.440
905944	NP	.200	2.000	.500
905945	NP	.312	3.500	.750
905946	NP	.375	3.500	.810



WASHER #	MATL THK	DIM A	DIM B	DESCRIPTION
913607	0.136	1.769	0.955	STD
913608A	0.151	1.45	0.810	Plated
913615	0.13	1.75	0.707	STD
913616	0.133	2.00	.828	Hardened
913622	0.134	2.00	1.06	STD
913624	.234	2.25	1.03	STD
913632	.234	2.993	1.405	STD
913635	.185	3.75	2.15	STD
913636	.125	1.375	.875	Hardened
913639	.234	3.50	1.875	Hardened
913683	0.169	2.25	0.94	STD
951801	0.14	1.75	1.00	Yellow Zinc Plated
913622-S	.134	2.00	1.03	STD
913609	.164	2.00	.9375	STD
913607	1.50	1.75	.950	Plated



## GREASE FITTINGS

FITTING	TYPE	STYLE	DIM A	DIM B	THREAD
905883	ST	DRIVE IN	9/32		3/16 DIA HOLE
905885	45	DRIVE IN	19/32		3/16 DIA HOLE
905887	45	SELF/ TAP	17/32	3/8	.25-28
905897	45	TAP	7/16	21/32	1/8-27 NPT
905898	ST	SELF/ TAP	3/8	5/16	1/8-27 NPT
905899	ST	SELF/ TAP	3/8	7/16	1/8-27 NPT

- Dim A is height above threads
- Dim B is across flats



**905899**

Alemite # 1720-b  
Used in all 8 & 10  
stud hubs



**905883**

Drive-In for all hubs



**905885**



**905897**

Alemite # 1688-B



**905898**

Used in all 4,5,6  
bolt hubs



**905887**

# LET NORTHFIELD BE YOUR CONTRACT PRECISION MACHINING HEADQUARTERS. OUR IN-HOUSE CAPABILITIES INCLUDE:

- Turning
- Milling
- Boring
- Grinding
- Welding
- Flame Cutting
- Assembly



# LISTEN TO WHAT OUR CLIENTS HAVE TO SAY ABOUT US.

A PRECISION MACHINING COMPANY  
FOCUSED ON THE AGRICULTURAL IMPLEMENT  
AND INDUSTRIAL EQUIPMENT MARKETS.



*"Northfield Industries has been a long time supplier who understands our needs and requirements. Their quality, cost, and delivery management is exceptional and helped them win the Supplier of Excellence Award for the (3rd) consecutive year."*  
– Unicarriers



*"Northfield is a people-oriented company. They communicate well with us, which is a rare thing these days."*  
– Vermeer



*"I have a very high opinion of Northfield, as do others within CNH. Manufacturing these parts is a science, and Northfield has figured it out."*  
– CNH



*"If I had 100 suppliers like Northfield, I could go to sleep each night and know all would be well."*  
– Bush Hog

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## Memberships

Proud member of FEMA, the Farm Equipment Manufacturers Association and NAM, the National Association of Manufacturers



## Certifications



ISO 9001:2008  
Certified Company



AS9100:2009 Revision C  
Certified Company



ISO 9001:2008  
Certified Company