



2018 PARTS GUIDE

BEARINGS



ALL-MAKES HEAVY-DUTY BEARINGS

Alliance Truck Parts has over 30 product lines that serve the commercial transportation industry with reliable new and remanufactured parts and accessories for all makes and all models¹ to keep trucks and buses on the road. All Alliance Truck Parts meet or exceed OES specifications for quality, fit and finish and are backed by a nationwide warranty², which means you don't have to trade quality for price.

PARTS NUMBERING SYSTEM

The Alliance Truck Parts numbering system is set up systematically:

Example – ABP SBN 413.

All part numbers in this program contain the prefix ABP and SBN (the company-assigned code for this program). The last digits are based on part and design.

All parts in the catalog are set up with an Alliance Truck Parts number. In the back of this catalog, you will find an extensive cross-reference list by friction grade. This will help link another manufacturer's part to an Alliance ABP number.

WARRANTY

Alliance truck parts are backed by a 1-year/unlimited-mile standard warranty.

Illustrations and photographs used in this catalog may vary slightly from the actual product. Prototype samples are sometimes used for photography. The production parts may vary slightly.

Availability of products shown in this catalog is subject to change without notice.

¹For nearly all heavy-duty truck makes and models | ²See warranty for complete details and limitations.

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BEARINGS

FEATURES AND BENEFITS

FEATURES & BENEFITS

- Extremely close roller diameter variation within any assembly
- Superior dimensional and surface finish controls
- Optimum geometry, including roundness, profile and angle
- Crowned raceways and rollers for optimum roller to raceway contact for increased load capacity
- Super clean steel for rollers and races
- High-strength steel cages
- Through hardened steel and superior component finishes yield lower running torque and operating temperatures for longer life
- Vacuum degassed 52100 bearing steel ensures durability
- Cup and cone dimensions are interchangeable with leading bearing manufacturers

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BEARINGS

BEARING CONES

SPECIFICATIONS

ALLIANCE P/N	DESCRIPTION	BORE DIAMETER (d)	WIDTH (B)	WEIGHT (lbs.)	APPLICATION
ABP SBN 567	Bearing Cone	2.8750	1.4240	2.54	Front Steer Axle/Trailer (inner) & Rear Axle (outer) - Mack
ABP SBN 580	Bearing Cone	3.2500	1.4212	3.02	R Drive Axle (outer)
ABP SBN 663	Bearing Cone	3.2500	1.6250	4.14	Trailer Axle (inner) & Rear Drive Axle/Trailer (outer)
ABP SBN 749	Bearing Cone	3.3475	1.8375	4.78	Truck Axle
ABP SBN 782	Bearing Cone	4.1250	1.8900	6.42	Truck Axle
ABP SBN 3782	Bearing Cone	1.7500	1.1930	1.48	FF Steer Axle (outer)
ABP SBN 6580	Bearing Cone	3.5000	2.1693	6.65	Truck Axle
ABP SBN 25877	Bearing Cone	1.3750	0.9688	0.69	School Bus Type A
ABP SBN 33287	Bearing Cone	2.8750	1.1875	1.62	Truck Axle
ABP SBN 39590	Bearing Cone	2.6250	1.1875	1.80	L Drive Axle (outer)
ABP SBN 45284	Bearing Cone	2.0000	1.2188	2.05	Front Steer Axle (outer) - Mack
ABP SBN 47679	Bearing Cone	3.0000	1.3125	2.95	Truck Rear Axle
ABP SBN 47686	Bearing Cone	3.2500	1.3125	2.50	L Drive Axle (inner)
ABP SBN 52400	Bearing Cone	4.0000	1.4219	3.80	Truck Axle
ABP SBN 555S	Bearing Cone	2.2500	1.4440	3.09	FL Steer Axle (outer)
ABP SBN 594A	Bearing Cone	3.7500	1.4300	3.14	R Drive Axle (inner)
ABP SBN 6461A	Bearing Cone	3.0000	2.1350	6.14	FL Steer Axle (inner)
ABP SBN HM212049	Bearing Cone	2.6250	1.5100	2.80	FF Steer Axle (inner) & N Trailer Axle (outer)
ABP SBN HM218248	Bearing Cone	3.5423	1.5748	3.91	N Trailer (inner)
ABP SBN HM516449C	Bearing Cone	3.2500	1.5625	3.09	Rear Axle - Mack
ABP SBN HM518445	Bearing Cone	3.5000	1.5625	4.52	P Trailer Axle (inner & outer)
ABP SBN JM207049A	Bearing Cone	2.1654	1.1417	1.24	Truck/School Bus Axle

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BEARINGS

BEARING CUPS

SPECIFICATIONS

ALLIANCE P/N	DESCRIPTION	OUTSIDE DIAMETER (D)	CUP WIDTH (C)	WEIGHT (lbs.)	APPLICATION
ABP SBN 563	Bearing Cup	5.0000	1.1250	1.42	Front Steer Axle/Trailer (inner) & Rear Axle (outer) - Mack
ABP SBN 572	Bearing Cup	5.5115	1.1250	1.70	R Drive Axle (outer)
ABP SBN 653	Bearing Cup	5.7500	1.2500	1.92	Trailer Axle (inner) & Rear Drive Axle/Trailer (outer)
ABP SBN 3720	Bearing Cup	3.6718	0.9375	0.62	FF Steer Axle (outer)
ABP SBN 3920	Bearing Cup	4.4375	0.9375	0.98	Truck Axle
ABP SBN 6420	Bearing Cup	5.8750	1.7500	3.56	FL Steer Axle (inner)
ABP SBN 25820	Bearing Cup	2.8750	0.7500	0.36	School Bus Type A
ABP SBN 39520	Bearing Cup	4.4375	0.9375	0.79	L Drive Axle (outer)
ABP SBN 45220	Bearing Cup	4.1250	0.9375	0.76	Front Steer Axle (outer) - Mack
ABP SBN 47620	Bearing Cup	5.2500	1.0313	1.24	L Drive Axle (inner)
ABP SBN 552A	Bearing Cup	4.8750	1.1875	1.65	FL Steer Axle (outer)
ABP SBN 592A	Bearing Cup	6.0000	1.1875	2.29	R Drive Axle (inner)
ABP SBN HM212011	Bearing Cup	4.8125	1.1700	1.32	FF Steer Axle (inner) & N Trailer Axle (outer)
ABP SBN HM218210	Bearing Cup	5.7864	1.2795	1.75	N Trailer (inner)
ABP SBN HM516410	Bearing Cup	5.2500	1.2813	1.68	Rear Axle - Mack
ABP SBN HM518410	Bearing Cup	6.0000	1.1875	1.68	P Trailer Axle (inner & outer)
ABP SBN JM207010	Bearing Cup	3.7402	0.9252	0.56	Truck/School Bus Axle

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BEARINGS

BEARING CONE & CUP SETS

SPECIFICATIONS

ALLIANCE P/N	DESCRIPTION	CONE P/N	CUP P/N	CONE BORE DIAMETER (d)	CUP OUTSIDE DIAMETER (D)	TOTAL BEARING WIDTH (T)	WEIGHT (lbs.)	APPLICATION
ABP SBN 401	Conventional Bearing Set	580	572	3.2500	5.5115	1.4375	4.72	R Drive Axle (outer)
ABP SBN 402	Conventional Bearing Set	582	572	3.2500	5.5115	1.4375	4.64	R Drive Axle (outer) - Mack
ABP SBN 403	Conventional Bearing Set	594A	592A	3.7500	6.0000	1.5625	5.43	R Drive Axle (inner)
ABP SBN 405	Conventional Bearing Set	663	653	3.2500	5.7500	1.6250	6.06	Trailer Axle (inner) & Rear Drive Axle/Trailer (outer)
ABP SBN 406	Conventional Bearing Set	3782	3720	1.7500	3.6718	1.1875	2.10	FF Steer Axle (outer)
ABP SBN 408	Conventional Bearing Set	39590	39520	2.6250	4.4375	1.1875	2.59	L Drive Axle (outer)
ABP SBN 409	Conventional Bearing Set	45280	45220	1.7500	4.1250	1.1875	2.96	Front Steer Axle (outer) - Mack
ABP SBN 411	Conventional Bearing Set	47686	47620	3.2500	5.2500	1.3125	3.74	L Drive Axle (inner)
ABP SBN 413	Conventional Bearing Set	HM212049	HM212011	2.6250	4.8125	1.5000	4.12	FF Steer Axle (inner) & N Trailer Axle (outer)
ABP SBN 414	Conventional Bearing Set	HM218248	HM218210	3.5423	5.7864	1.5748	5.66	N Trailer (inner)
ABP SBN 415	Conventional Bearing Set	HM518445	HM518410	3.5000	6.0000	1.5625	6.20	P Trailer Axle (inner & outer)
ABP SBN 423	Conventional Bearing Set	6461A	6420	3.0000	5.8750	2.1250	9.70	FL Steer Axle (inner)
ABP SBN 424	Conventional Bearing Set	555S	552A	2.2500	4.8750	1.5000	4.74	FL Steer Axle (outer)

Conventional Bearing Sets for use on standard hubs (manual adjustment)

SPECIFICATIONS

ALLIANCE P/N	DESCRIPTION	CONE P/N	CUP P/N	CONE BORE DIAMETER (d)	CUP OUTSIDE DIAMETER (D)	TOTAL BEARING WIDTH (T)	WEIGHT (lbs.)	APPLICATION
ABP SBN 427	Half-Stand Bearing Set	HM212049PS**	HM212011PS**	2.6250	4.8125	1.5000	4.12	Pre-adjusted FF Steer Axle/N Trailer (outer)
ABP SBN 428	Half-Stand Bearing Set	3782PS**	3720PS**	1.7500	3.6718	1.1875	2.10	Pre-adjusted FF Steer Axle (outer)
ABP SBN 429	Half-Stand Bearing Set	594APS**	592APS**	3.7500	6.0000	1.5625	5.43	Pre-adjusted R Drive Axle (inner)
ABP SBN 430	Half-Stand Bearing Set	580PS**	572PS**	3.2500	5.5115	1.4375	4.72	Pre-adjusted R Drive Axle (outer)
ABP SBN 431	Half-Stand Bearing Set	HM218248PS**	HM218210PS**	3.5423	5.7864	1.5748	5.66	Pre-adjusted N Trailer Axle (inner)
ABP SBN 432	Half-Stand Bearing Set	HM518445PS**	HM518410PS**	3.5000	6.0000	1.5625	6.20	Pre-adjusted P Trailer Axle (inner & outer)

**Premium Stand or Half-Stand
Half-Stand Bearing Sets for use on pre-adjusted hubs

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BEARINGS

CROSS- REFERENCE

HYATT	
OEM P/N	ALLIANCE P/N
25877	ABP SBN 25877
33287	ABP SBN 33287
3782	ABP SBN 3782
3920	ABP SBN 3920
39520	ABP SBN 39520
39590	ABP SBN 39590
45220	ABP SBN 45220
47620	ABP SBN 47620
47679	ABP SBN 47679
47686	ABP SBN 47686
52400	ABP SBN 52400
552A	ABP SBN 552A
555S	ABP SBN 555S
563	ABP SBN 563
567	ABP SBN 567
572	ABP SBN 572
580	ABP SBN 580
592A	ABP SBN 592A
594A	ABP SBN 594A
6206-2V-C3-N3	ABP SBN 6206 2RSJ
6306-2V-C3-N3	ABP SBN 6306 2RSJ
6461A	ABP SBN 6461A
653	ABP SBN 653
6580	ABP SBN 6580
663	ABP SBN 663
749	ABP SBN 749
782	ABP SBN 782
HM212011	ABPSBN HM212011
HM212049	ABP SBN HM212049
HM218210	ABP SBN HM218210
HM218248	ABP SBN HM218248
HM516449C	ABP SBN HM516449C
HM518410	ABP SBN HM518410
HM518445	ABP SBN HM518445
JM207010	ABP SBN JM207010
JM207049A	ABP SBN JM207049A
Set 401 580/572	ABP SBN SET401
Set 402 582/572	ABP SBN SET402

HYATT	
OEM P/N	ALLIANCE P/N
Set 403 594A/592A	ABP SBN SET403
Set 405 663/653	ABP SBN SET405
Set 406 3782/3720	ABP SBN SET406
Set 408 39590/39520	ABP SBN SET408
Set 409 45280/220	ABP SBN SET409
Set 411 47686/47620	ABP SBN SET411
Set 413 HM212049/011	ABP SBN SET413
Set 414 HM218248/210	ABP SBN SET414
Set 423 6461A/6420	ABP SBN SET423
Set 424 555S/552A	ABP SBN SET424
Set 427 HM212049/011PS	ABP SBN SET427
Set 428 3782/3720PS	ABP SBN SET428
Set 429 594A/592APS	ABP SBN SET429
Set 430 580/572PS	ABP SBN SET430
Set 431 HM218248/210PS	ABP SBN SET431
Set 432 HM518445/410PS	ABP SBN SET432

NTN	
OEM P/N	ALLIANCE P/N
25877	ABP SBN 25877
33287	ABP SBN 33287
3782	ABP SBN 3782
3920	ABP SBN 3920
39520	ABP SBN 39520
39590	ABP SBN 39590
45220	ABP SBN 45220
47620	ABP SBN 47620
47679	ABP SBN 47679
47686	ABP SBN 47686
52400	ABP SBN 52400
552A	ABP SBN 552A
555-S	ABP SBN 555S
563	ABP SBN 563
567	ABP SBN 567
572	ABP SBN 572
580	ABP SBN 580
592A	ABP SBN 592A
594A	ABP SBN 594A

NTN	
OEM P/N	ALLIANCE P/N
6206LLUA1C3/2E	ABP SBN 6206 2RSJ
6306LLUA1C3/2E	ABP SBN 6306 2RSJ
6461A	ABP SBN 6461A
653	ABP SBN 653
6580	ABP SBN 6580
663	ABP SBN 663
749	ABP SBN 749
782	ABP SBN 782
HM212011	ABPSBN HM212011
HM212049	ABP SBN HM212049
HM218210	ABP SBN HM218210
HM218248	ABP SBN HM218248
HM516449C	ABP SBN HM516449C
HM518410	ABP SBN HM518410
HM518445	ABP SBN HM518445
JM207010	ABP SBN JM207010
JM207049A	ABP SBN JM207049A
Set 401	ABP SBN SET401
Set 402	ABP SBN SET402
Set 403	ABP SBN SET403
Set 405	ABP SBN SET405
Set 406	ABP SBN SET406
Set 408	ABP SBN SET408
Set 409	ABP SBN SET409
Set 411	ABP SBN SET411
Set 413	ABP SBN SET413
Set 414	ABP SBN SET414
Set 423	ABP SBN SET423
Set 424	ABP SBN SET424
Set 427	ABP SBN SET427
Set 428	ABP SBN SET428
Set 429	ABP SBN SET429
Set 430	ABP SBN SET430
Set 431	ABP SBN SET431
Set 432	ABP SBN SET432

STEMCO	
OEM P/N	ALLIANCE P/N
25877	ABP SBN 25877
33287	ABP SBN 33287
3782	ABP SBN 3782
3920	ABP SBN 3920
39520	ABP SBN 39520
39590	ABP SBN 39590
45220	ABP SBN 45220
47620	ABP SBN 47620
47679	ABP SBN 47679
47686	ABP SBN 47686
52400	ABP SBN 52400
552A	ABP SBN 552A
555-S	ABP SBN 555S
563	ABP SBN 563
567	ABP SBN 567
572	ABP SBN 572
580	ABP SBN 580
592A	ABP SBN 592A
594A	ABP SBN 594A
62062RS2	ABP SBN 6206 2RSJ
63062RS2	ABP SBN 6306 2RSJ
6461A	ABP SBN 6461A
653	ABP SBN 653
6580	ABP SBN 6580
663	ABP SBN 663
749	ABP SBN 749
782	ABP SBN 782
HM212011	ABPSBN HM212011
HM212049	ABP SBN HM212049
HM218210	ABP SBN HM218210
HM218248	ABP SBN HM218248
HM516449C	ABP SBN HM516449C
-	ABP SBN HM518410
HM518445	ABP SBN HM518445
JM207010	ABP SBN JM207010
JM207049A	ABP SBN JM207049A
SET 580-72	ABP SBN SET401
SET 582-72	ABP SBN SET402

STEMCO	
OEM P/N	ALLIANCE P/N
SET 594A-92A	ABP SBN SET403
SET 663-53	ABP SBN SET405
SET 3782-22	ABP SBN SET406
SET 39590-20	ABP SBN SET408
SET 45280-20	ABP SBN SET409
SET 47686-20	ABP SBN SET411
SET 049-011	ABP SBN SET413
SET 248-210	ABP SBN SET414
ASET 6461A-20	ABP SBN SET423
ASET 555S-52A	ABP SBN SET424

TIMKEN	
OEM P/N	ALLIANCE P/N
25877	ABP SBN 25877
33287	ABP SBN 33287
3782	ABP SBN 3782
3920	ABP SBN 3920
39520	ABP SBN 39520
39590	ABP SBN 39590
45220	ABP SBN 45220
47620	ABP SBN 47620
47679	ABP SBN 47679
47686	ABP SBN 47686
52400	ABP SBN 52400
552A	ABP SBN 552A
555-S	ABP SBN 555S
563	ABP SBN 563
567	ABP SBN 567
572	ABP SBN 572
580	ABP SBN 580
592A	ABP SBN 592A
594A	ABP SBN 594A
206FF	ABP SBN 6206 2RSJ
306FF	ABP SBN 6306 2RSJ
6461A	ABP SBN 6461A
653	ABP SBN 653
6580	ABP SBN 6580
663	ABP SBN 663

TIMKEN	
OEM P/N	ALLIANCE P/N
749	ABP SBN 749
782	ABP SBN 782
HM212011	ABPSBN HM212011
HM212049	ABP SBN HM212049
HM218210	ABP SBN HM218210
HM218248	ABP SBN HM218248
HM516449C	ABP SBN HM516449C
HM518410	ABP SBN HM518410
HM518445	ABP SBN HM518445
JM207010	ABP SBN JM207010
JM207049A	ABP SBN JM207049A
Set 401 580,572	ABP SBN SET401
Set 402 582,572	ABP SBN SET402
Set 403 594A,592A	ABP SBN SET403
Set 405 663,653	ABP SBN SET405
Set 406 3782,3720	ABP SBN SET406
Set 408 39590,39520	ABP SBN SET408
Set 409 45280,45220	ABP SBN SET409
Set 411 47686,47620	ABP SBN SET411
Set 413 HM212049,HM212011	ABP SBN SET413
Set 414 HM218248,HM218210	ABP SBN SET414
Set 423 6461A,6420	ABP SBN SET423
Set 424 555-S,552A	ABP SBN SET424
Set 427 NP899357,NP026773	ABP SBN SET427
Set 428 NP874005,NP435398	ABP SBN SET428
Set 428 NP034946, NP363298	ABP SBN SET429
Set 430 NP840302, NP053874	ABP SBN SET430
Set 431 NP965350, NP503727	ABP SBN SET431
Set 432 NP174964, NP593561	ABP SBN SET432



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