



WHEELS



ALL-MAKES HEAVY-DUTY WHEELS

With parts and accessories for all makes and models¹, Alliance™ Parts is the smartest choice for value on the road. Readily available, easily affordable and assured in quality, Alliance has everything you need to deliver.

PARTS NUMBERING SYSTEM

All part numbers in this program contain the prefix ABP and N40 (the company-assigned code for this program). The remaining digits are based on part and design.

Example - ABP N40S HP175X675 2W 1.

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

STEEL PART NUMBER BREAKDOWN



ALUMINUM PART NUMBER BREAKDOWN



WARRANTY

Alliance products are backed by a 1-year/unlimited-mile standard warranty. Additional warranty coverage may apply where specified.

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.

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ALUMINUM WHEELS



FEATURES & BENEFITS

- Lightweight aluminum construction resists corrosion and improves fuel economy
- Available in the most popular wheel positions for all class 7 and 8 models
- Designed and manufactured to exceed three times SAE standards, qualified by third party accredited laboratory, and durability on/off road tested to ensure service life for the long haul
- Strongest individually boxed wheel with specific corner protection, distinct rim guards and wrapping to exceed OEM shake and drop testing standards
- The standard high-luster polish is the brightest/shiniest wheel in the industry. Gloss levels significantly exceed our competitors costly upper-level polish option
- Reduce inventory—no need to carry two or three polish options of the same wheel
- Low-maintenance finish with no machine lines
- 5-year, no hassle warranty on wheel structure

SPECIFICATIONS

- Hub-piloted; dual mounting mounts
- 10-bolt holes
- 285.75mm bolt circle
- 220mm bore

ALLIANCE P/N	SIZE	WHEEL OFFSET	DISC THICKNESS	VALVE	WEIGHT	MAX LOAD & INFLATION	FINISH
ABP N40A 225825 659M 45	22.5" x 8.25"	6.61"	.768"	TR544C	45 lb	7,400 lb/131 psi	Diamond Cut Machined
ABP N40A 225825 659SP 45	22.5" x 8.25"	6.61"	.768"	TR544C	45 lb	7,400 lb/131 psi	Standard High Luster Polish
ABP N40A 225825 659XP 45	22.5" x 8.25"	6.61"	.768"	TR544C	45 lb	7,400 lb/131 psi	Enhanced High Luster Polish
ABP N40A 225900 311SP 58	22.5" x 9"	3.11"	.886"	TR543E	58 lb	10,200 lb/131 psi	Standard High Luster Polish
ABP N40A 225900 694SP 51	22.5" x 9"	6.94"	.945"	TR545D	51 lb	10,300 lb/130 psi	Standard High Luster Polish
ABP N40A 245825 659M 54	24.5" x 8.25"	6.59"	.827"	TR545D	54 lb	7,400 lb/131 psi	Diamond Cut Machined
ABP N40A 245825 659SP 54	24.5" x 8.25"	6.59"	.827"	TR545D	54 lb	7,400 lb/131 psi	Standard High Luster Polish
ABP N40A 245825 659XP 54	24.5" x 8.25"	6.59"	.827"	TR545D	54 lb	7,400 lb/131 psi	Enhanced High Luster Polish
ABP N40A 2251400 050SP 60	22.5" x 14"	1"	1"	TR543E	60 lb	12,800 lb/131 psi	Standard High Luster Polish
ABP N40A 2251400 200SP 60	22.5" x 14"	2"	1"	TR543E	60 lb	12,800 lb/131 psi	Standard High Luster Polish

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STEEL WHEELS



FEATURES & BENEFITS

- Finished with an E-coat primer and durable powder top coat
- Ceramic friction material
- Available in hub-piloted and stud-piloted versions
- Available for over 2.1 million trucks, covering most applications, positions and operating conditions
 - Tractors
 - Trailers
 - Front steer
 - Single and tandem axle
 - Highway service
 - On/off highway
 - High center of gravity
- Ready to order

SPECIFICATIONS

STEEL HUB-PILOTED 15° TUBELESS WHEELS

ALLIANCE PN	HAND HOLES	SIZE	WHEEL OFFSET	DISC THICKNESS	WEIGHT	MAX LOAD & INFLATION	COLOR
ABP N40S HP175X675 4W 1	4	17.5" x 6.75"HC	5.6"	.437"	24.06 lb	5355 lb	White
ABP N40S HP225X750 5B 1	5	22.5" x 7.5"	6.44"	.437"	33.5 lb	6610 lb/120 psi	Black
ABP N40S HP225X825 2B 1	2	22.5" x 8.25"	6.6"	.437"	31.4 lb	7400 lb/120 psi	Black
ABP N40S HP225X825 2W 1	2	22.5" x 8.25"	6.6"	.437"	31.4 lb	7400 lb/120 psi	White
ABP N40S HP225X825 2W 3	2	22.5" x 8.25"	6.62"	-	31.4 lb	7400 lb/120 psi	White
ABP N40S HP225X825 2W 4	2	22.5" x 8.25"	6.62"	-	37 lb	8000 lb/120 psi	White
ABP N40S HP225X825 5B 2	5	22.5" x 8.25"	6.6"	.437"	30.5 lb	7400 lb/120 psi	Black
ABP N40S HP225X825 5W 5	5	22.5" x 8.25"	-	-	36 lb	8000 lb	White
ABP N40S HP225X825 5W 6	5	22.5" x 8.25"	6.6"	.437"	30.5 lb	7400 lb/120 psi	White
ABP N40S HP225X900 5W 3	5	22.5" x 9"	7"	.625"	44.2 lb	10000 lb/130 psi	White
ABP N40S HP225X825 5W 2	5	22.5" x 8.25"	6.62"	.472"	30.5 lb	7400 lb/120 psi	White
ABP N40S HP245X825 2W 1	2	24.5" x 8.25"	6.59"	-	41.9 lb	7400 lb/120 psi	White
ABP N40S HP245X825 2W 4	2	24.5" x 8.25"	6.62"	.437"	42 lb	7400 lb/120 psi	White
ABP N40S HP245X825 2W 5	2	24.5" x 8.25"	6.62"	.472"	43.1 lb	8000 lb/120 psi	White

STEEL STUD-PILOTED 15° TUBELESS WHEELS

ALLIANCE PN	HAND HOLES	SIZE	WHEEL OFFSET	DISC THICKNESS	WEIGHT	MAX LOAD & INFLATION	COLOR
ABP N40S SP225X825 2G 1	2	22.5" x 8.25"	6.62"	.437"	43.1 lb	7400 lb/120 psi	Gray
ABP N40S SP225X825 2W 1	2	22.5" x 8.25"	6.62"	.437"	43.1 lb	7400 lb/120 psi	White

DEMOUNTABLE RIM 15° TUBELESS WHEELS

ALLIANCE PN	HAND HOLES	SIZE	WHEEL OFFSET	DISC THICKNESS	WEIGHT	MAX LOAD & INFLATION	COLOR
ABP N40S RIM245X825 W 1	-	24.5" x 8.25"	4.75"	-	33.4 lb	8000 lb/120 psi	White

HIGHWAY SERVICE

FRONT STEER AXLE				
SIZE	HAND HOLES	22.5" (HUB-PILOTED)	24.5" (HUB-PILOTED)	22.5" (STUD-PILOTED)
10,000-14,600 lb	2	ABP N40S HP225X825 2B 1	ABP N40S HP245X825 2W 1	ABP N40S SP225X825 2G 1
		ABP N40S HP225X825 2W 1	-	ABP N40S SP225X825 2W 1
		ABP N40S HP225X825 2W 3	-	-
	5	ABP N40S HP225X825 5B 2	-	-
		ABP N40S HP22FX825 5W 6	-	-

SINGLE DRIVE AXLE				
SIZE	HAND HOLES	22.5" (HUB-PILOTED)	24.5" (HUB-PILOTED)	22.5" (STUD-PILOTED)
17,000-26,000 lb	2	ABP N40S HP225X825 2B 1	ABP N40S HP245X825 2W 1	ABP N40S SP225X825 2G 1
		ABP N40S HP225X825 2W 1	-	ABP N40S SP225X825 2W 1
		ABP N40S HP225X825 2W 3	-	-
	5	ABP N40S HP225X825 5B 2	-	-
		ABP N40S HP22FX825 5W 6	-	-

TANDEM DRIVE AXLE				
SIZE	HAND HOLES	22.5" (HUB-PILOTED)	24.5" (HUB-PILOTED)	22.5" (STUD-PILOTED)
40,000-46,000 lb	2	ABP N40S HP225X825 2B 1	ABP N40S HP245X825 2W 1	ABP N40S SP225X825 2G 1
		ABP N40S HP225X825 2W 1	-	ABP N40S SP225X825 2W 1
		ABP N40S HP225X825 2W 3	-	-
	5	ABP N40S HP225X825 5B 2	-	-
		ABP N40S HP22FX825 5W 6	-	-

HEAVY DUTY | ON/OFF HIGHWAY | HIGH CENTER OF GRAVITY

FRONT STEER AXLE				
SIZE	HAND HOLES	22.5" (HUB-PILOTED)	24.5" (HUB-PILOTED)	22.5" (STUD-PILOTED)
13,200-16,000 lb	5	ABP N40S HP225x825 5W 2	-	-
		ABP N40S HP225x825 5W 5	-	-
16,000-18,000 lb	5	ABP N40S HP225x900 5W 3	-	-

SINGLE DRIVE AXLE				
SIZE	HAND HOLES	22.5" (HUB-PILOTED)	24.5" (HUB-PILOTED)	22.5" (STUD-PILOTED)
17,000-26,000 lb	5	ABP N40S HP225x825 5W 2	ABP N40S HP245X825 2W 5	-
		ABP N40S HP225x825 5W 5		-

TANDEM DRIVE AXLE				
SIZE	HAND HOLES	22.5" (HUB-PILOTED)	24.5" (HUB-PILOTED)	22.5" (STUD-PILOTED)
34,000-46,000 lb	5	ABP N40S HP225x825 5W 2	ABP N40S HP245X825 2W 5	-
		ABP N40S HP225x825 5W 5		
46,000-60,000 lb	5	ABP N40S HP225x825 5W 2	-	-
		ABP N40S HP225x825 5W 5		

HIGHWAY SERVICE | HEAVY DUTY

FRONT STEER AXLE				
SIZE	HAND HOLES	22.5" (HUB-PILOTED)	24.5" (HUB-PILOTED)	22.5" (STUD-PILOTED)
10,000-14,600 lb	2	ABP N40S HP225X825 2B 1	ABP N40S HP245X825 2W 1	ABP N40S SP225X825 2G 1 ABP N40S SP225X825 2W 1
		ABP N40S HP225X825 2W 1		
		ABP N40S HP225X825 2W 3		
	5	ABP N40S HP225X825 5B 2	-	-
		ABP N40S HP22FX825 5W 6	-	-

SINGLE DRIVE AXLE				
SIZE	HAND HOLES	22.5" (HUB-PILOTED)	24.5" (HUB-PILOTED)	22.5" (STUD-PILOTED)
17,000-26,000 lb	2	ABP N40S HP225X825 2B 1	ABP N40S HP245X825 2W 1	ABP N40S SP225X825 2G 1 ABP N40S SP225X825 2W 1
		ABP N40S HP225X825 2W 1		
		ABP N40S HP225X825 2W 3		
	5	ABP N40S HP225X825 5B 2	-	-
		ABP N40S HP225X825 5W 6	-	-

TANDEM DRIVE AXLE				
SIZE	HAND HOLES	22.5" (HUB-PILOTED)	24.5" (HUB-PILOTED)	22.5" (STUD-PILOTED)
34,000-46,000 lb	2	ABP N40S HP225X825 2B 1	ABP N40S HP245X825 2W 1	ABP N40S SP225X825 2G 1 ABP N40S SP225X825 2W 1
		ABP N40S HP225X825 2W 1		
		ABP N40S HP225X825 2W 3		
	5	ABP N40S HP225X825 5B 2	-	-
		ABP N40S HP225X825 5W 6	-	-

HEAVY DUTY | ON/OFF HIGHWAY | HIGH CENTER OF GRAVITY

FRONT STEER AXLE				
SIZE	HAND HOLES	22.5" (HUB-PILOTED)	24.5" (HUB-PILOTED)	22.5" (STUD-PILOTED)
12,000-14,600 lb	5	ABP N40S HP225X825 5W 2	ABP N40S HP245X825 2W 5	-
		ABP N40S HP225X825 5W 5		-

SINGLE DRIVE AXLE				
SIZE	HAND HOLES	22.5" (HUB-PILOTED)	24.5" (HUB-PILOTED)	22.5" (STUD-PILOTED)
17,000-23,000 lb	5	ABP N40S HP225X825 5W 2	ABP N40S HP245X825 2W 5	-
		ABP N40S HP225X825 5W 5		-

TANDEM DRIVE AXLE				
SIZE	HAND HOLES	22.5" (HUB-PILOTED)	24.5" (HUB-PILOTED)	22.5" (STUD-PILOTED)
34,000-46,000 lb	5	ABP N40S HP225X825 5W 2	ABP N40S HP245X825 2W 5	-
		ABP N40S HP225X825 5W 5	-	-

HIGHWAY SERVICE

SINGLE DRIVE AXLE				
SIZE	HAND HOLES	22.5" (HUB-PILOTED)	24.5" (HUB-PILOTED)	22.5" (STUD-PILOTED)
17,000 lb	2	ABP N40S HP225X825 2B 1	ABP N40S HP245X825 2W 1	ABP N40S SP225X825 2G 1 ABP N40S SP225X825 2W 1
		ABP N40S HP225X825 2W 3		
		ABP N40S HP225X825 2W 4		
		ABP N40S HP225X825 2W 1		
	5	ABP N40S HP225X825 5W 6	-	-
		ABP N40S HP225X825 5B 2	-	-

HEAVY DUTY | ON/OFF HIGHWAY | HIGH CENTER OF GRAVITY

TRIDEM, QUAD, ALL TRAINS				
SIZE	HAND HOLES	22.5" (HUB-PILOTED)	24.5" (HUB-PILOTED)	22.5" (STUD-PILOTED)
17,000 lb/22,500 lb axles	2	ABP N40S HP225X825 2W 4	ABP N40S HP245X825 2W 5	-
	5	ABP N40S HP225X825 5W 5		

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CROSS- REFERENCE

ACCURIDE

COMPETITOR P/N	ALLIANCE P/N
27404PKGRY21	ABP N40S SP225X825 2G 1
27404PKWHT21	ABP N40S SP225X825 2W 1
28409PKWHT21	ABP N40S HP245X825 2W 4
28656PKWHT21	ABP N40S HP175X675 4W 1
28827PKWHT21	ABP N40S HP245X825 2W 5
28828PKWHT21	ABP N40S HP225X825 5W 2
29001PKBLK21	ABP N40S HP225X750 5B 1
29169PKWHT21	ABP N40S HP225X825 5W 5
29300PKWHT21	ABP N40S HP225X900 5W 3
32051245PKWH21	ABP N40S RIM245X825 W 1
41012SP	ABP N40A 225900 311SP 58
41012XP	ABP N40A 225900 311SP 58
41362SP	ABP N40A 225825 659SP 45
41362XP	ABP N40A 245825 659SP 54
41644SP	ABP N40A 225825 659SP 45
41644XP	ABP N40A 225825 659SP 45
41730SP	ABP N40A 225900 694SP 51
41730XP	ABP N40A 225900 694SP 51
42140SP	ABP N40A 2251400 050SP 60
42140XP	ABP N40A 2251400 050SP 60
42142SP	ABP N40A 2251400 200SP 60
42142XP	ABP N40A 2251400 200SP 60
50307PKWHT21	ABP N40S HP225X825 2W 4
50308PKWHT21	ABP N40S HP225X825 2W 3
50408PKBLK21	ABP N40S HP225X825 2B 1
50408PKWHT21	ABP N40S HP225X825 2W 1
50409PKWHT21	ABP N40S HP245X825 2W 1
50487PKBLK21	ABP N40S HP225X825 5W 6
50487PKWHT21	ABP N40S HP225X825 5B 2

ALCOA (ARCONIC)

COMPETITOR P/N	ALLIANCE P/N
84U602	ABP N40A 2251400 050SP 60
84U607	ABP N40A 2251400 050SP 60
84U622	ABP N40A 2251400 200SP 60
84U627	ABP N40A 2251400 200SP 60
883670	ABP N40A 225825 659M 45
883671	ABP N40A 225825 659SP 45
883672	ABP N40A 225825 659SP 45

ALCOA (ARCONIC)

COMPETITOR P/N	ALLIANCE P/N
883673	ABP N40A 225825 659SP 45
883677	ABP N40A 225825 659SP 45
89U631	ABP N40A 225900 311SP 58
89U637	ABP N40A 225900 311SP 58
89U641	ABP N40A 225900 694SP 51
89U642	ABP N40A 225900 694SP 51
89U643	ABP N40A 225900 694SP 51
89U647	ABP N40A 225900 694SP 51
98U630	ABP N40A 245825 659M 54
98U631	ABP N40A 245825 659SP 54
98U632	ABP N40A 245825 659SP 54
98U633	ABP N40A 245825 659SP 54
98U637	ABP N40A 245825 659SP 54

MAXION

COMPETITOR P/N	ALLIANCE P/N
MXN 90262	ABP N40S HP225X825 5B 2
MXN HWI90541W	ABP N40S HP225X825 2W 1

OTR

COMPETITOR P/N	ALLIANCE P/N
SW22.5H	ABP N40S HP225X825 2W 4
SW24.5H	ABP N40S HP245X825 2W 5

ROADCHOICE

COMPETITOR P/N	ALLIANCE P/N
AW825225H10	ABP N40A 225825 659SP 45
AW825245H10	ABP N40A 245825 659SP 54
AW900225H10	ABP N40A 225900 694SP 51
SW825225H2	ABP N40S HP225X825 2W 3
SW825225H5	ABP N40S HP225X825 5W 2
SW825245H2	ABP N40S HP245X825 2W 4
SW825245H5	ABP N40S HP245X825 2W 5

TRP	
COMPETITOR P/N	ALLIANCE P/N
AW2258BN	ABP N40A 225825 659SP 45
AW2258MN	ABP N40A 225825 659SP 45
AW2458BN	ABP N40A 245825 659SP 54
AW2458MN	ABP N40A 245825 659SP 54
SW2257H	ABP N40S HP225X825 2W 3
SW2457H	ABP N40S HP245X825 2W 4
SW2458H	ABP N40S HP245X825 2W 5



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