

# X-TREME

## Solid Polyurethane Wheels

Handle heavy loads,  
impacts, abrasions  
and chemicals with ease.



**X-Treme**  
**ALBION**<sup>®</sup>

[www.albioninc.com](http://www.albioninc.com)



# x-Treme®

Albion's special solid elastomer compounds and one-piece compression molding process are a winning combination for your heavy-duty industrial applications. Choose "X-treme" for high-capacity manual applications, "X-treme Plus" for even higher-capacity, power-drawn applications and "X-treme Temp" where continuous heat resistance (up to 350°F) is needed. All wheels are ergonomically designed to give you greater rolling ease even under heavy loads.

## Bearing Selection



**Straight Roller**  
Standard bearing in most applications. Recommended for heavy loads or high impacts. (Specify bearing number 01).

**Drawn Cup Roller**  
One piece steel cage construction for greater durability and temperature capabilities. (Specify bearing number 02).

**Precision Ball**  
Never needs lubrication. Maximum rolling ease provides improved ergonomics. (Specify bearing number 28).

**Delrin®**  
Recommended for wet environments. Virtually maintenance free. (Specify bearing number 51).

**Bronze**  
Recommended for high temperatures (up to 525°F) and wet environments. (Specify bearing number 22).

## Applications

- Automotive Plants
- Tire Plants
- Tow-Lines
- Manufacturing Plants
- Commercial Laundries
- Food Industry
- Aircraft/Aerospace
- Airport Ground Support
- Printers/Publishers
- Textile Mills
- Floor Scrubbers
- Boat Manufacturers

## Features

- Special solid elastomer compounds built to handle heavy loads, shocks, impacts and chemicals
- One-piece compression molding design prevents tread separation
- Enhance the appearance of your equipment by selecting your company color and imprinting your company name
- Non-marking floor protection
- Three wheel options to handle all of your manual, automatic power-drawn and hi-temp needs
- X-treme™ straight sided wheels also available. (Consult factory)

**ALBION®**  
www.albioninc.com  
800-835-8911



Average hardness: 75 Shore D.  
Tensile: 5875 psi  
Temperature Range: -30°F to +200°F continuous  
-30°F to +225°F intermittent

## X-TREME



Standard color is green.  
Optional colors available.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Rated for Manual Operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Weight (Lbs)	Wheel Number With Roller Bearing
4	2	1000	2 3/16	1 3/16	3/4	2	XI042 <b>0112</b>
5	2	1000	2 3/16	1 3/16	3/4	2	XI052 <b>0112</b>
6	2	1000	2 3/16	1 3/16	3/4	4	XI062 <b>0112</b>
8	2	1000	2 3/16	1 3/16	3/4	4	XI082 <b>0112</b>

To order Two Piece Delrin Bearing change 6th & 7th digits to "51". Example: XI042**5112**.  
To order Drawn Cup Roller Bearing change 6th & 7th digits to "02". Example: XI042**0212**.  
To order Bronze Bearing change 6th & 7th digits to "22". Example: XI042**2212**.  
To order Precision Ball Bearing change 6th & 7th digits to "28" and the 8th & 9th digits to "08".  
Example: XI042**2808**. With Precision Ball the bearing I.D. is 1/2", hub length is 27/16" and bore I.D. is 19/16".

## X-TREME PLUS

Average hardness: 60-62 Shore D.  
Tensile: 7000 psi  
Temperature Range: -80°F to +250°F continuous



Standard color is grey.  
Optional colors available.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Rated for Manual Operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Weight (Lbs)	Wheel Number With Roller Bearing
4	2	1400	2 3/16	1 3/16	3/4	2	XP042 <b>0112</b>
5	2	1200	2 3/16	1 3/16	3/4	2	XP052 <b>0112</b>
6	2	1400	2 3/16	1 3/16	3/4	4	XP062 <b>0112</b>
8	2	1200	2 3/16	1 3/16	3/4	4	XP082 <b>0112</b>

To order Two Piece Delrin Bearing change 6th & 7th digits to "51". Example: XP042**5112**.  
To order Drawn Cup Roller Bearing change 6th & 7th digits to "02". Example: XP042**0212**.  
To order Bronze Bearing change 6th & 7th digits to "22". Example: XI042**2212**.  
To order Precision Ball Bearing change 6th & 7th digits to "28" and the 8th & 9th digits to "08".  
Example: XP042**2808**. With Precision Ball the bearing I.D. is 1/2", hub length is 27/16" and bore I.D. is 19/16".

## X-TREME TEMP

Average hardness: 58 Shore D.  
Tensile: 5600 psi  
Temperature Range: -30°F to +350°F continuous



Standard color is black.  
Optional colors available.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Rated for Manual Operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Weight (Lbs)	Wheel Number With Roller Bearing
4	2	1000	2 3/16	1 3/16	3/4	2	XT042 <b>0112</b>
5	2	1000	2 3/16	1 3/16	3/4	2	XT052 <b>0112</b>
6	2	1000	2 3/16	1 3/16	3/4	4	XT062 <b>0112</b>
8	2	1000	2 3/16	1 3/16	3/4	4	XT082 <b>0112</b>

To order Drawn Cup Roller Bearing change 6th & 7th digits to "02". Example: XT042**0212**.  
To order Bronze Bearing change 6th & 7th digits to "22". Example: XI042**2212**.  
To order Precision Ball Bearing change 6th & 7th digits to "28" and the 8th & 9th digits to "08".  
Example: XT042**2808**. With Precision Ball the bearing I.D. is 1/2", hub length is 27/16" and bore I.D. is 19/16".

Note: All roller and drawn cup bearing models come with 1/2" I.D. spanner bushing and nylon sealed retaining/thrust washers. All precision ball bearings come with 1/2" I.D. top hat spacers.

trim

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Ideally suited for applications exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust or corrosion.

## 05 Series Stainless Steel

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Rated for Manual Operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Weight (Lbs)	Caster Number With Roller Bearing
<b>Extreme</b>	4	2	1000	5 <sup>5</sup> / <sub>8</sub>	1 <sup>11</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>2</sub>	05XI04201
	5	2	1000	6 <sup>1</sup> / <sub>2</sub>	1 <sup>5</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	05XI05201
	6	2	1000	7 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>	05XI06201
	8	2	1000	9 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	8	05XI08201
<b>Extreme Plus</b>	4	2	1200	5 <sup>5</sup> / <sub>8</sub>	1 <sup>11</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>2</sub>	05XP04201
	5	2	1200	6 <sup>1</sup> / <sub>2</sub>	1 <sup>5</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	05XP05201
	6	2	1200	7 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>	05XP06201
	8	2	1200	9 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	8	05XP08201
<b>Extreme Temp</b>	4	2	1000	5 <sup>5</sup> / <sub>8</sub>	1 <sup>11</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>2</sub>	05XT04201
	5	2	1000	6 <sup>1</sup> / <sub>2</sub>	1 <sup>5</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	05XT05201
	6	2	1000	7 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>	05XT06201
	8	2	1000	9 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	8	05XT08201

For swivel caster add "S" to end of model number, for rigid add "R".  
Straight Roller Bearing models shown in chart.  
To order Drawn Cup Roller Bearing change last two digits to "02".  
To order Precision Ball Bearing change last two digits to "28".  
To order Two Piece Delrin Bearing change last two digits to "51".  
To order Bronze Bearing change last two digits to "22".

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Castors are cold forged from 1/4" thick steel and assembled with 5/8" king bolt and nut assembly. Recommended for medium to medium heavy duty applications.

## 16 Series

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Rated for Manual Operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Weight (Lbs)	Caster Number With Roller Bearing
<b>Extreme</b>	4	2	1000	5 <sup>5</sup> / <sub>8</sub>	1 <sup>11</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>2</sub>	16XI04201
	5	2	1000	6 <sup>1</sup> / <sub>2</sub>	1 <sup>5</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	16XI05201
	6	2	1000	7 <sup>1</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>	16XI06201
	8	2	1000	9 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	8	16XI08201
<b>Extreme Plus</b>	4	2	1200	5 <sup>5</sup> / <sub>8</sub>	1 <sup>11</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>2</sub>	16XP04201
	5	2	1200	6 <sup>1</sup> / <sub>2</sub>	1 <sup>5</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	16XP05201
	6	2	1200	7 <sup>1</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>	16XP06201
	8	2	1200	9 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	8	16XP08201
<b>Extreme Temp</b>	4	2	1000	5 <sup>5</sup> / <sub>8</sub>	1 <sup>11</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>2</sub>	16XT04201
	5	2	1000	6 <sup>1</sup> / <sub>2</sub>	1 <sup>5</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	16XT05201
	6	2	1000	7 <sup>1</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>	16XT06201
	8	2	1000	9 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	8	16XT08201

For swivel caster add "S" to end of model number, for rigid add "R".  
Straight Roller Bearing models shown in chart.  
To order Drawn Cup Roller Bearing change last two digits to "02".  
To order Precision Ball Bearing change last two digits to "28".  
To order Two Piece Delrin Bearing change last two digits to "51".  
To order Bronze Bearing change last two digits to "22".

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## 62 Series

Casters are cold forged from 1/4" thick steel and assembled with 3/4" heat treated king bolt and nut assembly. Recommended for heavy duty applications.

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Rated for Manual Operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Weight (Lbs)	Caster Number With Roller Bearing
<b>Extreme</b>	4	2	1000	5 <sup>5</sup> / <sub>8</sub>	1 <sup>15</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>4</sub>	62XI04201
	5	2	1000	6 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>2</sub>	62XI05201
	6	2	1000	7 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>4</sub>	62XI06201
	8	2	1000	10 <sup>1</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>2</sub>	62XI08201
<b>Extreme Plus</b>	4	2	1400	5 <sup>5</sup> / <sub>8</sub>	1 <sup>15</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>4</sub>	62XP04201
	5	2	1200	6 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>2</sub>	62XP05201
	6	2	1400	7 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>4</sub>	62XP06201
	8	2	1200	10 <sup>1</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>2</sub>	62XP08201
<b>Extreme Temp</b>	4	2	1000	5 <sup>5</sup> / <sub>8</sub>	1 <sup>15</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>4</sub>	62XT04201
	5	2	1000	6 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>2</sub>	62XT05201
	6	2	1000	7 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>4</sub>	62XT06201
	8	2	1000	10 <sup>1</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>2</sub>	62XT08201

For swivel caster add "S" to end of model number, for rigid add "R".  
Straight Roller Bearing models shown in chart.  
To order Drawn Cup Roller Bearing change last two digits to "02".  
To order Precision Ball Bearing change last two digits to "28".  
To order Two Piece Delrin Bearing change last two digits to "51".  
To order Bronze Bearing change last two digits to "22".



## 100 Series Kingpinless

Excellent for power-towed applications where side impact and shock loading can cause failure in conventional king bolt and nut casters.

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Rated for Manual Operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Weight (Lbs)	Caster Number With Roller Bearing
<b>Extreme</b>	4	2	1000	5 <sup>5</sup> / <sub>8</sub>	1 <sup>11</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>4</sub>	100XI04201
	5	2	1000	6 <sup>1</sup> / <sub>2</sub>	1 <sup>11</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>2</sub>	100XI05201
	6	2	1000	7 <sup>1</sup> / <sub>2</sub>	1 <sup>5</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>4</sub>	100XI06201
	8	2	1000	10 <sup>1</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>2</sub>	100XI08201
<b>Extreme Plus</b>	4	2	1400	5 <sup>5</sup> / <sub>8</sub>	1 <sup>11</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>4</sub>	100XP04201
	5	2	1200	6 <sup>1</sup> / <sub>2</sub>	1 <sup>11</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>2</sub>	100XP05201
	6	2	1400	7 <sup>1</sup> / <sub>2</sub>	1 <sup>5</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>4</sub>	100XP06201
	8	2	1200	10 <sup>1</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>2</sub>	100XP08201
<b>Extreme Temp</b>	4	2	1000	5 <sup>5</sup> / <sub>8</sub>	1 <sup>11</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>4</sub>	100XT04201
	5	2	1000	6 <sup>1</sup> / <sub>2</sub>	1 <sup>11</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>2</sub>	100XT05201
	6	2	1000	7 <sup>1</sup> / <sub>2</sub>	1 <sup>5</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>4</sub>	100XT06201
	8	2	1000	10 <sup>1</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>2</sub>	100XT08201

For swivel caster add "S" to end of model number, for rigid add "R".  
Straight Roller Bearing models shown in chart.  
To order Precision Ball Bearing change last two digits to "28".  
To order Two Piece Delrin Bearing change last two digits to "51".  
To order Drawn Cup Roller Bearing change last two digits to "02".  
To order Bronze Bearing change last two digits to "22".

## Albion X-Treme wheels can be molded in any color to match your equipment



**You can also have your logo molded on the wheel to promote your company name.**

(Logos and custom colors must meet quantity requirements)



X-treme™ straight sided wheels also available.  
(Consult factory)



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