

# Bronco

## MOLD-ON WHEELS

With the advent of World War II, Bronco began to manufacture Mold-On Wheels for the burgeoning aircraft industry. Since then, the Bronco line has expanded to meet the requirements for virtually all industrial and institutional applications.

**Engineering Data:**

- The charcoal gray rubber is a unique compound of 75 to 80 Durometer, Shore A.
- Will not mark like black rubber.
- Easier rolling.
- Aluminum is light weight, corrosion resistant, yet is designed to withstand shock loads.
- A patented chemical agent bonds the rubber to the aluminum center.

**Applications:**

Hand trucks or load wheels. May be used in any application in which floor protection is the prime consideration.

**Caution:**

Because of the chemical reaction, it is possible that the rubber will separate from the aluminum when used around animal blood and fats. In these cases, the Durakush or the mechanically bonded Mikakush or Miratek Polyurethane Wheels are recommended. Consult factory.



06200-UV



Anti-friction Roller Bearing

Timken Tapered Roller Bearing

Flange Type Ball Bearing

# Broncushion

## CUSHION TIRE WHEELS

These wheels are super resilient (60-65 Shore A Durometer) designed for quiet and easy rolling. Well suited for hand trucks. Standard is the non-marking charcoal gray rubber. Keyways and special offset may be adapted.

4" and 5" wheels have hard fibrous centers. 6", 8" and 10" wheels have aluminum centers.

**Applications:**

Floor protection, shock absorption, rolling ease.



06200-UN

BRONCO MOLD-ON RUBBER WHEELS													
WHEEL		CATALOG NUMBER				HUB LENGTH		BORE DIMENSIONS				Used in Caster Series	
Diameter inches	Tread Width inches	Ball and Timken* Bearings	Roller Bearings	Bored for, but less Roller Bearings	Cap. Each lbs.	Approx. Weight lbs.	Without Spanner inches	With Spanner inches	Without Bearing inches	With Bearing inches	Axle Dia. w/spanner inches		Bore Variations inches
4	1½		04150-UV	04150-XV	300	1¼	1¾	1⅜	1⅝	½	¾	⅝	760, 070
	2		04200-UV	04200-XV	350	1½	2¼	2⅝	1⅜	¾	½	1, 7/8, 5/8, 5/8, 1/2	190, 200, 290
5	1½		05150-UV	05150-XV	325	1¾	1⅝	2	1⅝	5/8		¾	070
	2		05200-UV	05200-XV	400	2	2¼	2⅝	1⅜	¾	½	1, 7/8, 5/8, 5/8, 1/2	190, 200, 290
6	1½		06150-UV	06150-XV	350	2	1⅝	2	1⅝	5/8	½	¾	070
	2		06200-UV	06200-XV	450	2½	2¼	2⅝	1⅜	¾		1, 7/8, 5/8, 5/8, 1/2	190, 200, 290
	2½		06250-TV	06250-XV	540	4	2¾	2⅜	1⅝	1	¾	7/8	300
8	1¾		08162-UV	08162-XV	450	3¼	2¼	2⅝	1⅜	¾	½	1, 7/8, 5/8, 5/8, 1/2	190, 200, 290
	2		08200-UV	08200-XV	500	4	2¼	2⅝	1⅜	¾	½	1, 7/8, 5/8, 5/8, 1/2	
	2½		08250-TV	08250-XV	670	3¼	2¾	2⅝	1⅜	1	¾	1¼, 7/8, 7/8	300
	3		08300-TV	08300-XV	840	4	3¼	3⅝	1⅝	1	¾		400
10	2		10200-UV	10200-XV	700	6	2¼	2⅝	1⅜	¾	½	1, 7/8, 5/8, 5/8, 1/2	
	2½		10250-TV	10250-XV	790	8	2¾	2⅝	1⅜	1	¾	1¼, 7/8, 7/8	300
	3		10300-TV	10300-XV	1000	9	3¼	3⅝	1⅝	1	¾		400
12	3		12300-TV	12300-XV	1140	11	3¼	3⅝	1⅝	1	¾		400
			12301-TV	12301-UV						1¼	1		500, 600
14	3		14301-TV	14301-XV	1280	15	3¼	3⅝	1⅝	1¼	1	1	
16	3		16300-TV	16300-XV	1420	19	3¼	3⅝	2⅞	1¼	1		

\*Timken Bearings require no spanner bushing, as they ride on the axle. Accordingly, each Timken Wheel has the same I.D. as its axle diameter listing. For example, the 12301-TV has a 1" I.D. Timken Bearing riding directly on a 1" axle. Bore variations available with Roller Bearings only, which must be specified, or standard Roller Bearing bore shall be furnished. Spanner bushings must be ordered separately. See parts list page 94.

BRONCUSHION CUSHION RUBBER WHEELS													
WHEEL		CATALOG NUMBER				HUB LENGTH		BORE DIMENSIONS				Used in Caster Series	
Diameter inches	Tread Width inches	Ball Bearings	Roller Bearings	Bored for, but less Roller Bearings	Cap. Each lbs.	Approx. Weight lbs.	Without Spanner inches	With Spanner inches	Without Bearing inches	With Bearing inches	Axle Dia. w/spanner inches		Bore Variations inches
4	1¼		04125-BN		150	1	1⅝	—	—	¾	—	—	050
5	1¼		05125-BN		170	1¼	1⅝	—	—	¾	—	—	050
6	2		06200-UN	06200-XN	350	3	2¼	2⅝	1⅜	¾	½	1, 7/8, 5/8, 5/8, 1/2	190, 200, 290
			06200-BN										
8	2		08200-UN	08200-XN	450	4¼	2¼	2⅝	1⅜	¾	½	1, 7/8, 5/8, 5/8, 1/2	190, 200, 290
			08200-BN										
10	2		10200-UN	10200-XN	550	6	2¼	2⅝	1⅜	¾	½	1, 7/8, 5/8, 5/8, 1/2	
			10200-BN										

Spanner bushings, if required, should be ordered by a separate number. See parts list page 94. Special offset Hub lengths are available with some Broncushion Wheels. Consult Factory. Standard Bore with Bearing will be supplied, unless variations are specified.