



WHEELS AT A GLANCE



Forged Steel
Fine grain forged steel wheels are precision machined to offer the greatest load capacity, impact strength and rollability. Precision tapered bearings compliment the characteristics of these wheels.



Cast Iron
Precision machined cast iron wheels feature premium Class 30 gray iron with a heavy duty cross sections. These wheels are excellent for high heat applications.



Ductile Iron
Ductile iron wheels feature many of the same characteristics of cast iron; however, the ductile iron wheel has higher tensile and yield strengths. Resists breaking or chipping.



Polyurethane
Polyurethane wheels feature a higher capacity material than rubber, provide longer wear, and will not damage your floors like cast iron or steel. A wide variety of liquid cast polyurethane wheels are offered.



Mold On Rubber
Rubber offers a cost effective alternative to polyurethane while providing a cushioned and quiet ride for the product being transported. Neoprene and high load compounds are also available.



Softech
Softech wheels feature a soft, non-marking tire on a rust-free polyolefin core. Softech wheels reject floor debris and are highly resistant to most chemicals.



NyTec-MD
NyTec wheels provide a tough material which can handle up to 80% the weight of steel or cast iron. NyTec has excellent load carrying capacities and resists corrosion. NyTec provides a long wearing material and is especially suitable when maintenance is an issue.



Phenolic Resin
Phenolic resin wheels offer a load carrying capacity approaching that of cast iron or steel wheels. Phenolic resin wheels are a cost effective alternative with increased rollability and will not damage floors.



Solid Elastomer
Solid, non-marking polyurethane is used for high load capacities. These wheels are harder than soft rubber. They will not damage floors. Solid elastomer wheels do not develop flat spots under standing loads.



WHEELS AT A GLANCE cont.



V-Groove
 "V" grooves are machined from either cast iron or hot forged steel wheels. V-grooves work on track or off track and are essential where precise alignment or indexing of equipment is necessary.



Flanged
 Single and dual-flanged wheels operate on a rail for locating fixtures in a precise position for indexing through a work cycle. Premium cast iron and steel is used for the wheel material to provide high strength and long wear.



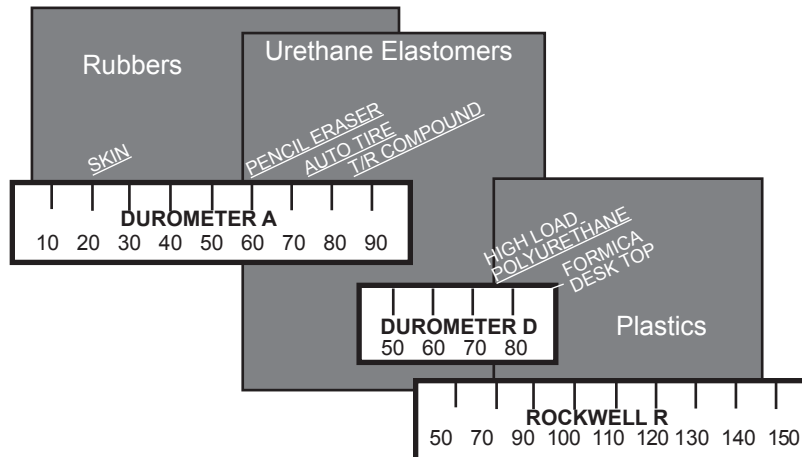
Pneumatic
 Pneumatic wheels offer the highest cushioning, shock absorbing caster/wheel, without moving to a more expensive spring loaded caster. Capacities of pneumatics are limited due to the soft cushioning characteristics of the wheel.



Drive/Keyway
 Drive/Keyway wheels are offered from 3" to 18" diameter. Bore sizes from 1/2" to 2-7/16". Drive surfaces of poly, rubber, or steel. Excellent for power transmission applications.

HARDNESS COMPARISON CHART

Wheel Type	Tread Material	Durometer	Scale
N/A	Soft Tread Rubber	70 – 80	A
30, 32 & 35	Phenolics	145 – 150	R
60, 65 & 68	Standard Polyurethane	95	A
61, 66 & 69	Soft Polyurethane	85	A
63 & 67	Hard Polyurethane	70	D
70	Rubber	65 – 75	A
71	Aluminum Core/Rubber	70 – 80	A
72	Softech	70	A
73	Neoprene Rubber	65 – 75	A
76	Pneumatic	55 – 60	A
80 & 85	70A Polyurethane	70	A
90, 95 & 98	HPPT Polyurethane	92	A



CASTER CONCEPTS WILL MODIFY ANY CASTER TO MEET CUSTOMER SPECIFICATIONS

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