



DirtBan Swivel Seals

Keeps dirt out and lube in for longer caster life

Seals are recommended for applications where casters and equipment are exposed to regular washings such as hospitals, food processing plants, restaurants, meat packaging plants, laundries, bakeries and more. They keep dirt and contaminants out of the swivel raceway and lubricant in. Colson polyurethane DirtBan seals help

casters run smoother and last longer with very little drag on the swivel action. They offer a high resistance to grease, oils, chemicals, detergents and water. To order on caster specify **"SEAL"**. To field install, simply remove the caster wheel and place seals in the upper and lower raceways. No special tools needed. Available on 2 and 4 Series casters. To field install, see chart below.

Series	Kit Number
2 Series Swivel	52020.90
4 Series Upper Raceway	51000.77
4 Series Lower Raceway	51001.76



2 & 3 Series Dust Caps

Protects swivel raceway from harmful debris

Keep dust and debris out of raceway for smoother operation and longer service life. Available on 2 and

3 Series models only. To order with caster, specify **"DC1"**. Dust caps are not field installable.



Plastic & Metal Thread Guards

Designed to keep lint, thread and other soft material out of bearings

Certain industries and institutions find that excessive amounts of lint, thread and other soft materials have a tendency to work into caster wheel bearings. Wheel thread guards help overcome this problem. The thread guard does not revolve and thus forces the thread to deposit on caster fork legs and greatly improves its appearance. Colson offers

both plastic and metal thread guards. Plastic thread guards are more flexible and will not rust or corrode making them ideal for wash down applications. Metal thread guards have a zinc plated finish on 1-3 Series wheels, and a galvanized finish for 4-7 Series models to protect against rust and corrosion. To order on caster specify **"TG1"** for metal, **"TG2"** for plastic. To check for availability on caster models consult factory.

CASTER OPTIONS

Delrin® Bearing

Delrin, a DuPont engineered plastic, is extremely durable under a wide range of temperature and humidity conditions and is corrosion resistant. Wheels with the Delrin bearings are well suited for applications where brine conditions, steam cleaning, or where excessive water or liquids are present. One piece or two piece Delrin bearing models are available.



Bronze Bearing

The bronze bearing is durable under a wide range of temperature and humidity conditions and is corrosion resistant. It is highly recommended for high heat or wet applications.



Annular Ball Bearing

Precision type bearings with machined, hardened raceways. For applications where maximum rolling ease and quiet operation are needed. Best suited for light to medium duty loads. Bearing is pre-assembled, and the entire unit is mounted in the wheel.



Radial Ball Bearing

Shielded, precision-type bearings. They are used in pairs and press fitted into the wheel hub. Available on Performa Rubber, Performa Rubber Handtruck Wheels and Pneumatic wheels.



Precision Sealed Ball Bearing

Recommended for maximum rolling ease with no maintenance lubrication required. Quiet operation for medium duty to heavy duty loads. Available on Endura Solid Elastomer and 2" tread width Performa Rubber wheels.



Roller Bearing

The roller bearing is capable of carrying a greater load than the same size diameter ball bearing. It has a split outer race shell into which the roller assembly is inserted. Standard Colson roller assembly features hardened steel rollers enclosed in a thermoplastic cage on 1 1/2" and 2" tread width wheels. Metal cage roller bearings are optionally available (specify WB29) and are standard on wheels with tread widths of 2 1/2" and larger. Combination seal/thrust retainer washers protect bearing from dirt, water, chemicals and help absorb thrust friction (Note: Must be used with hardened spanner bushing or hardened shaft).



Torrington-Style Roller Bearings

Torrington-style caged drawn cup bearings have a steel cage which provides inward retention of the needle rollers. This design provides maximum cage strength consistent with long service life. Available on 2" tread width wheels only. (Note: Must be used with hardened spanner bushing or hardened shaft).



Plain & Sleeve Bearing

Metal sleeve is inserted in wheel and rests directly on axle. Only recommended when rolling ease is less critical.



CASTER OPTIONS