



1 Series General Duty Side Lock Brake
Capacity up to 135 lbs each

The 1 Series General Duty Brakes are available for plate models with TPR wheels only. Brake is easily operated with foot action. These brakes are not

field installable. You can specify the brake on select 3" and 4" diameter models. To order with caster specify "BRK3" (see page 17).



1 Series Side Lock Brake
Capacity up to 145 lbs each

The ends of brake spring are crimped so that they grab the wheel at four contact points. They provide extra holding power on a variety of wheel surfaces. Brake is easily operated with foot action.

Available on 3", 4", and 5" wheels. 1 Series brakes cannot be used with thread guards. To order with caster specify "BRK3" (see pages 18-29). To field install, see kit numbers below.

Wheel Dia.	Kit Number	Swivel Radius
(75 lbs Capacity Models)		
3"	11.3000	2 11/16"
(145 lbs Capacity Models)		
3"	11.3200	3"
4"	11.4200	3 9/16"
5"	11.5200	4 1/16"



2 Series Total Lock Brake
Capacity up to 325 lbs each

Total lock brake locks wheel and swivel simultaneously. The brake design features durable metal construction with a thermoplastic pedal. Virtually maintenance free operation. Brake is easily

operated with foot action. Works on 3 1/2", 4" and 5" 2 Series models. To order with caster specify "BRK5" (see pages 30-43). To field install, see kit numbers below.

Total Lock: Locks Wheel and Swivel

Wheel Dia.	Kit Number	Swivel Radius
3 1/2"	52023.03	4 9/16"
4"	52023.04	4 5/8"
5"	52023.05	4 11/16"



2 Series Side Lock Brake
Capacity up to 325 lbs each

Colson Side Lock brake provides positive braking action on all types of wheels. Special cam activated brake mechanism locks firmly and is easy to

engage and disengage. To order with caster specify "BRK1" (see pages 30-43). To field install, see kit numbers below.

Wheel Dia.	Kit Number	Swivel Radius
2 1/2"	52023.62	3 13/16"
3"	52020.96	3 5/8"
3 1/2"	52020.93	3 5/8"
4"	52020.94	3 11/16"
5"	52023.65	3 15/16"

2 Series Tech Lock® Brake Stainless Steel Models

Capacity up to 325 lbs each

Constructed of durable, light-weight engineered thermoplastics. Ideally suited for wet or corrosive conditions. Toe operation holds heavy loads securely. Advanced design of the brake pad holds a variety of wheel types. Only two moving

parts. Virtually maintenance free operation. Temperature range: -30°F to +250°F. To order with caster specify "BRK2" (see page 44). To field install, see kit numbers below. U.S. Patent 288285.



Wheel Dia.	Kit Number	Swivel Radius
4"	05215.44	5 ⁵ / ₈ "
5"	05215.45	6 ¹ / ₈ "

2 Series LoPro Brake

Capacity up to 210 lbs each

Brake design places a positive locking force against the wheel hub to hold loads securely. Large foot pedal makes brake easy to operate and provides easy foot placement. Brake is not field installable

and is only available on the 3" model. The swivel radius of caster is 2¹¹/₁₆" with the brake. To order with caster, specify "BRK3." See page 45.



3 Series Tread Lock Brake

Capacity up to 400 lbs each

All swivel casters in the 3 Series are available with brakes. Colson's Tread Lock brake gives positive braking action on all types of wheels by engaging a rubber brake shoe directly against the tread surface of the wheel. A self-compensating spring maintains

the effectiveness of the brake throughout the life of the wheel. Thread guards can also be used with this brake. Brake pedals are rugged .090 steel & zinc plated. To order on a caster specify "BRK1." See pages 46-49.



Wheel Dia.	Kit Number	Swivel Radius
3"	05210.14	3 ¹¹ / ₁₆ "
4"	05210.05	3 ¹³ / ₁₆ "
5"	05225.61	4 ¹ / ₈ "
6"	05225.62	4 ⁵ / ₈ "

4 Series Side Lock Brake

Capacity up to 1400 lbs each

Brake design places a positive locking force against the wheel hub to hold loads securely. Larger foot pedal makes brake easier to operate and provides better foot placement. Brake can be actuated from either end of

the pedal for greater convenience. Available on Colson 4 Series casters with 2" tread width wheels equipped with roller bearings. To order with caster specify "BRK3" (see pages 50-57). To field install, see kit numbers below. U.S. Patent 5,402,864.



Wheel Dia.	Kit Number	Wheels Brakes Work On
4"-5"	05128.30	Steel wheels, Phenolic, Nylon, Moldon Polyurethane, Moldon Rubber, Pneumatics
	05128.32	Performa, Polyolefin, Polyurethane HI-TECH, Thermo, Maxim, Endura
6"-8"	05128.29	Steel wheels, Phenolic, Nylon, Moldon Polyurethane, Moldon Rubber
	05128.31	Performa, Polyolefin, Polyurethane HI-TECH, Thermo, Maxim, Endura

Kit includes brake cam, metal retainer washer, brake lever, flanged bushing, spring washer, axle, lock nut, Torrington-style bearing (Plastic wheels). Note: works with roller bearing or one piece Delrin bearing models. Stainless steel side lock brake kit #05214.24.

CASTER OPTIONS



4 Series Tech Lock® Brake

Capacity up to 1250 lbs each

Constructed of durable, light-weight engineered thermoplastics. Ideally suited for wet or corrosive conditions. Toe operation holds heavy loads securely. Advanced design of the brake pad holds a variety of wheel types. Only two moving parts. Virtually maintenance free operation. Temperature

range: -30°F to +250°F. To order with caster specify "BRK2" (see pages 50-55). To field install, see kit numbers below. Available on all 4 Series casters except Swivel Lock and 4 Series IMPAK models. U.S. Patent 288285.

Improved Design



New design with grip ridge for mechanical lock that securely fastens brake to fork

Old design without grip ridge

Wheel Dia.	Kit Number Standard	Kit Number Stainless	Swivel Radius
4"	05944.44	05944.94	6 ⁹ / ₃₂ "
5"	05944.45	05944.95	6 ⁵ / ₈ "
6"	05944.46	05944.96	7 ³ / ₈ "
8"	05944.48	05944.98	8 ⁷ / ₁₆ "



4 & 5 Series Rigid Tech Lock® Brake

Capacity up to 1400 lbs each

New brake is designed for rigid models! Contemporary design features thermoplastic construction to resist rust and corrosion. New design has a grip ridge for

mechanical lock that securely fastens brake to fork (see diagram above). To order specify "BRK2" (see pages 50-59).

Wheel Dia.	Kit Number Standard	Kit Number Stainless	Swivel Radius
6"	05944.86	05944.87	7 ³ / ₈ "



4 Series Total Lock® Brake

Capacity up to 1250 lbs each

With a simple press of the foot, you can lock both wheel and swivel in any position. Simply press again to release brake. Low angle pedal design

makes foot access easy for convenient operation. Contemporary design features thermoplastic construction to resist rust and corrosion. Available for 4 Series 5" x 2" and 6" x 2" wheels with capacities from 450 lbs to 1,250 lbs per caster. Not available on 4 Series IMPAK models. New design has a grip ridge for mechanical lock that securely fastens brake to fork (see diagram above). To order specify "BRK4" (see pages 52-53).

Wheel Dia.	Kit Number	Swivel Radius
4"	05906.12	6 ⁵ / ₈ "
5"	05906.11	7 ¹ / ₁₆ "
6"	05906.09	7 ³ / ₈ "
8"	05906.13	8 ¹ / ₂ "

Kit includes brake assembly housing, axle, washer and nut. Note: fork assembly must have slotted lower race.



4, 5 & 6 Series Tread Lock Brake

Capacity up to 1500 lbs each

Available on 4, 5, and 6 Series casters. This adjustable brake can be installed in the field or ordered assembled onto the caster. The toe activated brake features positive engagement via rubber faced plate

(Not available on V-groove wheel models or 2¹/₂" tread width wheels). To order with caster specify "BRK1" (see pages 50-63). To field install, see kit numbers below. U.S. Patent 5,497,856.

Wheel Dia.	Kit Number	Standard 4 Series Swivel Radius	Standard 5 & 6 Series Swivel Radius	4 & 6 IMPAK Swivel Radius	Replacement Brake Pad Model Number
4"	05944.24	5 ⁵ / ₁₆ "	5 ³ / ₈ "	5 ³ / ₁₆ "	59044.45
5"	05944.25	6 ⁵ / ₈ "	6 ⁹ / ₁₆ "	6 ¹ / ₂ "	
6"	05944.26	7 ⁵ / ₁₆ "	7 ¹ / ₈ "	6 ⁷ / ₈ "	
8"	05944.28	8 ¹ / ₂ "	8 ⁹ / ₁₆ "	8 ³ / ₈ "	

Kit includes brake assembly, axle, locknut.

7 & 8 Series Enforcer Tread Lock Brake

The toe activated brake features positive engagement via a single rubber-faced plate. Available on 7 & 8 Series Enforcer casters. Not available on V-Groove wheels. **Consult Factory for capacity and specifications.**

7 Series		8 Series	
Wheel Diameter	Kit Number	Wheel Diameter	Kit Number
6"	05962.41	6"	05962.45
8"	05962.42	8"	05962.46
10"	05962.43	10"	05962.47
12"	05962.44	12"	05962.48



4-8 Series Swivel Locks

Capacity up to 8000 lbs each

Swivel locks quickly convert swivel casters to rigid casters for straight-line tracking. A spring-loaded, hand operated plunger is engaged to fit into slots on the swivel raceway. To engage the lock, simply pull out plunger and turn until spring action inserts plunger in notches on raceway. To disengage the lock, simply pull out plunger and turn so plunger is not inserted in notches on raceway. Colson offers 3 types of hand operated swivel locks.



Welded Swivel Locks: These welded swivel locks are factory installed only. They lock in 90° intervals on 4, 5, and 6 Series and 180° intervals on 7 Series. To order see the "Welded Models" chart below.

Bolt-On Swivel Locks: The bolt-on swivel locks are field installable only, but require that the fork yoke base have the notches at 90° intervals. Available on 4-6 series casters. To order see the "Bolt-On Models" chart below.

Kingpinless Swivel Locks: Kingpinless casters already have the notches in the raceway, so it is possible to field install. They lock in 90° intervals. Simply bolt swivel lock on when you install on equipment. Available on 4, 6, 7 and 8 series casters. To order see the chart below.



Welded Models

Series	Mounting Code
4 Series (Standard)	MTG51
4 Series with MTG2 Top Plate	MTG52
4 Series with MTG4 Top Plate	MTG54
5 Series (Standard)	MTG52
6 Series (Standard)	MTG52
7 Series (3500 Capacity)	MTG51

Bolt-On Models

Series	Mounting Code	Field Install Model No.
4 Series (Standard)	MTG61	05213.61
4 Series with MTG2 Top Plate	MTG62	05213.62
4 Series with MTG4 Top Plate	MTG64	05213.64
5 Series (Standard)	MTG62	05256.62
6 Series (Standard)	MTG62	05256.62

Kingpinless Swivel Lock Models

Series	Mounting Code	Field Install Model Number
4 & 6 Series IMPAK (Standard)	MTG62	05212.62
4 & 6 Series IMPAK with MTG1 Top Plate	MTG61	05212.61
4 & 6 Series IMPAK with MTG4 Top Plate	MTG64	05212.64
4 Series Enforcer (Standard)	MTG61	05213.61
4 Series Enforcer with MTG2 Top Plate	MTG62	05212.62
4 Series Enforcer with MTG4 Top Plate	MTG64	05212.64
7 & 8 Series Enforcer (Standard)	MTG61	05278.61
7 & 8 Series Enforcer with MTG2 Top Plate	MTG62	05278.62
7 & 8 Series Enforcer with MTG3 Top Plate	MTG63	05278.63

Foot Activated Swivel Locks

Capacity up to 1400 lbs each

No more back strain from bending down to activate a swivel lock. When the foot pedal is in the "up" position, a stainless steel spring forces a pin into one of four slots on the swivel fork.

This effectively locks the swivel in one of four positions at 90° intervals. To disengage the lock, simply press down on the foot pedal for free swiveling action. It's that easy! With this innovative product, you can quickly and easily convert swivel casters to rigid casters for straight-line tracking. When you need greater maneuverability, you can quickly convert from the rigid position back to full swivel. Quick. Easy. Less stress and strain. **The Colson Ergonomic Advantage™.**



Extended reach swivel locks are available. Consult factory.



Foot Activated Swivel Lock Models

Series	Mounting Code	Field Install Model Num.
4 Series Swivel Top Plate (1 1/2" Tread Width)	MTG81	05213.66
4 Series Swivel Top Plate (2" Tread Width)	MTG81	05213.66
4 Series IMPAK Kingpinless Swivel Top Plate	MTG81	05212.66
4 Series Pneumatic Swivel Top Plate	MTG81	05213.66
4 Series Stainless Steel Swivel Top Plate	MTG81	05213.67

NOTE: Foot Activated Swivel Lock is field installable but requires notches in the caster fork yoke base at 90° intervals and is available in standard top plates only.

CASTER OPTIONS