



## ***Company Profile***

Richmond is a family owned Company that began in the Australian suburb of Richmond, Victoria in October 1958.

During its first 20 years of existence Richmond focused on manufacturing Materials Handling Equipment such as pallet trucks, stackers, both manual and electric, as well as trollies and trailers all distributed under the brand name LiftnMove.

Increasingly the market dictated that many of the products we supplied needed to be modified or redeveloped by us thereby proving our ability to solve special application needs for our customers.

Richmond Wheel & Castor Co was born when customers wanted us to supply them the wheels, castors and rollers we built for use on the equipment we sold. As well, clients asked us to custom design and build special castors and wheels to suit their own needs a service we distinctively continue to offer everyone today.

By the early Eighties Richmond had developed an impressive range of wheel and castor products and our latest catalogue clearly exhibits our continued search to improve, innovate and offer the very best. According we have also built a worldwide procurement system that provides components and products to supply ex stock.

Richmond built and continues to improve a modern niche manufacturing plant in Melbourne to service the needs of Civil, Mechanical and Manufacturing Engineers in Australia and overseas.

The manufacturing agility and design skills that have resulted from this capacity to satisfy our clients needs still shape Richmond's philosophy of providing unique solutions.

Design solutions are only as good as the service and logistic systems that support them. To this end Richmond over the last 15 years has opened service centres in Melbourne, Sydney, Brisbane, Perth, Adelaide, Auckland New Zealand as well as Modesto California.

The Future for Richmond is to widen its range of Materials Handling products to be

### ***The Number One Stop Materials Handling Shop***





# CASTORS

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# WHEELS

PLASTIC CENTRED  
PNEUMATIC



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STEEL CENTRED  
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RUBBER TYRE  
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RUBBER TYRE,  
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RUBBER TYRE  
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INSTITUTIONAL  
RUBBER



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ANTI STATIC  
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REBOUND  
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CUSHION RUBBER



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SOLID PNEUMATIC



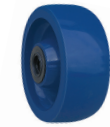
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REBOUND  
POLYURETHANE



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POLYURETHANE  
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POLYURETHANE TYRE  
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# ENGINEERING

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ROLLERS



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TRACK WHEELS  
SINGLE FLANGE



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TRACK WHEELS  
DOUBLE FLANGE



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BEAM TROLLEY  
WHEELS



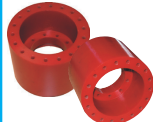
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V-GROOVE,  
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POLYURETHANE  
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PIPE ROLLERS



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# ACCESSORIES

FLOORLOCKS



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CORNER BUFFERS



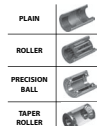
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FURNITURE  
CASTORS



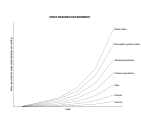
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WHEELS & CASTORS  
TYPE GUIDE



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ROLLING  
RESISTANCE GRAPH

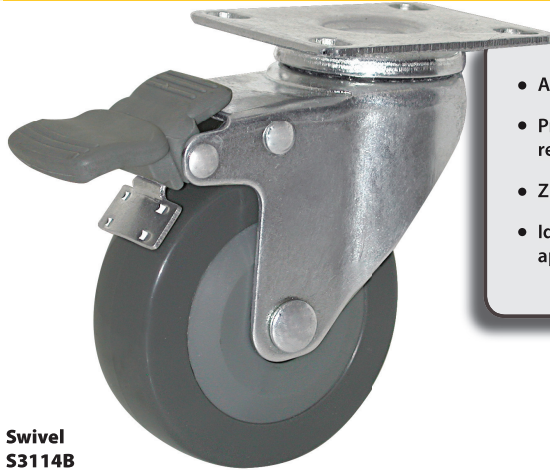


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# Universal Series Plate Castors

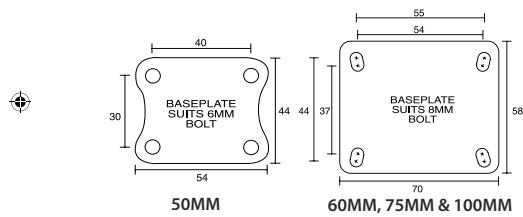
Capacity up to 55kg per castor



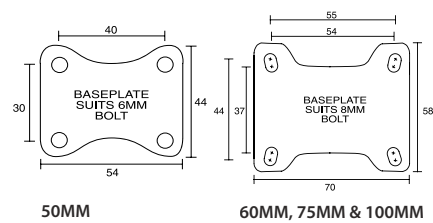
- An attractive castor for light duty applications
- Pressed metal construction for strength and reliability
- Zinc plating provides corrosion resistance
- Ideal for shopfitting and light trolley applications

**Swivel  
S3114B**

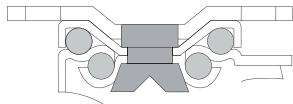
## BASEPLATE DIMENSIONS SWIVEL CASTOR



## BASEPLATE DIMENSIONS RIGID CASTOR



## CROSS SECTION UNIVERSAL SERIES PLATE TYPE CASTOR



## Specifications & Fittings

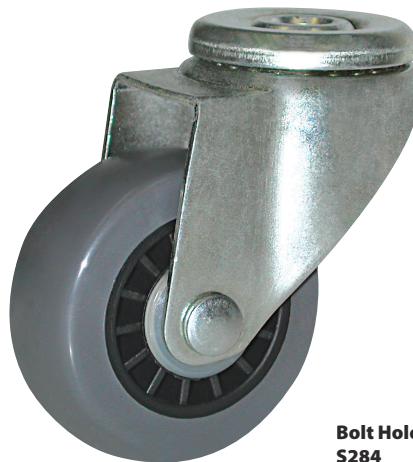
Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity	Height	Swivel Radius with brake	Rigid Code	Swivel Code
50	20	Nylon	NO CODE	Plain	30/20	66	45	NA	S286 *
60	25	Poly-Nylon	PU2001	Plain	55/50	86	58	92	S288
75	25	Nylon	NY3323	Plain	55/50	105	67	92	S3112
75	25	Poly-Nylon	PU3347	Plain	55/50	105	67	92	S3114
100	25	Poly-Nylon	PU4421	Ball	55/50	125	76	92	S4116

To order castor with Swivel Lock & Brake, add B to the end of the Swivel Code, eg S288B indicates a brake castor.  
Castors marked \* are not available with brakes

# Universal Series Bolt Castors

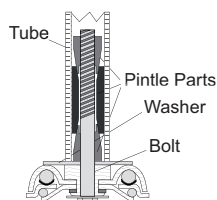
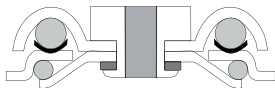
Capacity up to 55kg per castor

- An attractive castor for light duty applications
- Pressed metal construction for strength and reliability
- Zinc plating provides corrosion resistance
- Ideal for shopfitting and light trolley applications



**Bolt Hole  
S284**

**CROSS-SECTION UNIVERSAL SERIES  
BOLT TYPE CASTOR**



Cross Section Bolt Type Castor  
inserted in tube with  
expanding pintle part

Pintle Parts To Suit the Utility Bolt Castor		
Pintle	Pintle Code	Pintle Type
	UNB10-P1	For 19mm ID Round Tube
	UNB10-P2	For 22mm ID Round Tube
	UNB10-P3	For 28.5mm ID Round Tube
	UNB10-P4	For 19mm ID Square Tube
	UNB10-P5	For 22mm ID Square Tube
	UNB10-P6	For 28.5mm ID Square Tube
	<b>Single Bolt Fitting</b> Various bolt lengths available	

\*Also see page 61 for Solid and Threaded pintle options

## Specifications & Fittings

Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity	Height (mm)	Swivel Radius with brake	Bolt Size (mm)	Swivel Code
60	25	Poly-Nylon	PU2001	Plain	55/50	86	58	92	10 <b>S284</b>
75	25	Nylon	NY3323	Plain	55/50	102	67	92	10 <b>S3108</b>
75	25	Poly-Nylon	PU3347	Plain	55/50	102	67	92	10 <b>S3109</b>
100	25	Poly-Nylon	PU4421	Ball	55/50	123	76	92	10 <b>S4118</b>

To order castor with Swivel Lock & Brake, add B to the end of the Swivel Code, eg S284B indicates a brake castor.

# Utility Series Plate Castors

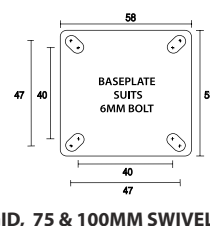
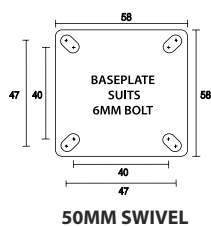
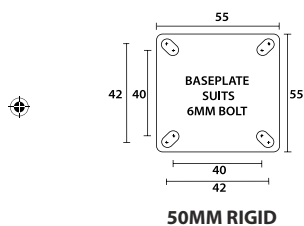
Capacity up to 70kg per castor



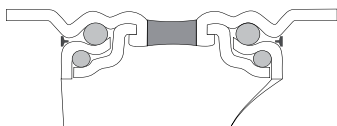
**Swivel  
S4704B**

- Zinc plated, pressed metal (steel) construction, providing a corrosion resistant finish
- Choice of nylon or grey non-marking wheels
- Ideal for light duty applications including wire baskets, display equipment and light trolley applications











## BASEPLATE DIMENSIONS SWIVEL CASTOR



## CROSS SECTION UTILITY SERIES PLATE TYPE CASTOR



## Specifications & Fittings

 Diameter (mm)	 Width (mm)	 Wheel Type	 Wheel Code	 Bearing Type	 Load Capacity	 Height (mm)	 Swivel Radius with brake	 Rigid Code	 Swivel Code
50	18	Rubber	NO CODE	Plain	40/30	73	50 74	<b>R2703</b>	<b>S2704 *</b>
50	18	Nylon	NO CODE	Plain	50/40	73	50 74	<b>R2705</b>	<b>S2706 *</b>
75	22	Rubber	RN3441	Plain	60/50	97	67 83	<b>R3703</b>	<b>S3704</b>
75	22	Nylon	NY3322	Plain	70/60	97	67 83	<b>R3705</b>	<b>S3706</b>
100	25	Rubber	RN4441	Plain	70/60	121	85 97	<b>NO CODE</b>	<b>S4704</b>
100	25	Poly-Nylon	PU4421	Ball	70/60	121	85 97	<b>NO CODE</b>	<b>S4708</b>

To order castor with Swivel Lock & Brake, add B to the end of the Swivel Code, eg S3704B indicates a brake castor.

Castors marked \* denote Wheel Brake Only

# Utility Series Bolt Castors

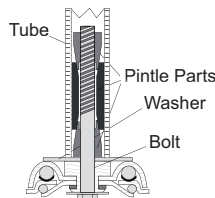
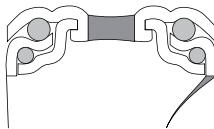
Capacity up to 70kg per castor

- Zinc plated, pressed metal (steel) construction, providing a corrosion resistant finish
- Choice of nylon or grey non-marking wheels
- Ideal for light duty applications including wire baskets, display equipment and light trolley applications
- The ability to add various pintle fittings



**Bolt Hole  
S4700B**

## CROSS SECTION UTILITY SERIES BOLT TYPE CASTOR



Cross Section Bolt Type Castor  
inserted in tube with  
expanding pintle part

Pintle Parts To Suit the Utility Bolt Castor		
Pintle	Pintle Code	Pintle Type
	UT110-P1	For 19mm ID Round Tube
	UT110-P2	For 22mm ID Round Tube
	UT110-P3	For 28.5mm ID Round Tube
	UT110-P4	For 19mm ID Square Tube
	UT110-P5	For 22mm ID Square Tube
	UT110-P6	For 28.5mm ID Square Tube
	<b>Single Bolt Fitting</b> Various bolt lengths available	

\*Also see page 61 for Solid and Threaded pintle options

## Specifications & Fittings

Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity kg	Height (mm)	Swivel Radius with brake	Bolt Size (mm)	Swivel Code
50	18	Rubber	NO CODE	Plain	40/30	70	50 74	10	<b>S2700 *</b>
50	18	Nylon	NO CODE	Plain	50/40	70	50 74	10	<b>S2701 *</b>
75	22	Rubber	RN3441	Plain	60/50	97	67 83	10	<b>S3700</b>
75	22	Nylon	NY3322	Plain	70/60	97	67 83	10	<b>S3701</b>
100	25	Rubber	RN4441	Plain	70/60	121	85 97	10	<b>S4700</b>
100	25	Poly-Nylon	PU4421	Plain	70/60	121	85 97	10	<b>S4702</b>

To order castor with Swivel Lock & Brake, add B to the end of the Swivel Code, eg S3700B indicates a brake castor.

\* Wheel Brake Only

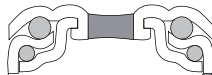
# Utility Series Twin Wheel Castors

Capacity up to 60kg per castor

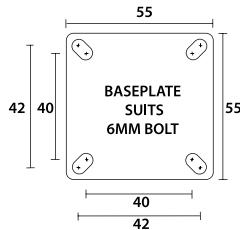


- Zinc plated, pressed metal (steel) construction, providing a corrosion resistant finish
- Twin Wheels for easy manoeuvrability under load
- Low profile
- Available in plate or bolt type castor
- Made for light duty applications including TV cabinets, shopfitting and other furniture

## CROSS SECTION UTILITY SERIES TWIN WHEEL BOLT TYPE CASTOR



## BASEPLATE DIMENSIONS PLATE CASTOR



## Pintle Parts To Suit the Universal Bolt Castor

Pintle	Pintle Code	Pintle Type
	UT110-P1	For 19mm ID Round Tube
	UT110-P2	For 22mm ID Round Tube
	UT110-P3	For 28.5mm ID Round Tube
	UT110-P4	For 19mm ID Square Tube
	UT110-P5	For 22mm ID Square Tube
	UT110-P6	For 28.5mm ID Square Tube

\*Also see page 61 for Solid and Threaded pintle options

## Specifications & Fittings

### TWIN WHEEL PLATE CASTOR

Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity (kg)	Height (mm)	Swivel Radius with brake	Swivel Code
50	2 x 18	Rubber	NO CODE	Plain	55	73	50 78	S2276
50	2 x 18	Nylon	NO CODE	Plain	60	73	50 78	S2274

### TWIN WHEEL BOLT CASTOR

Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity (kg)	Height (mm)	Swivel Radius with brake	Bolt Size (mm)	Swivel Code
50	2 x 18	Rubber	NO CODE	Plain	55	70	50 78	10	S2280
50	2 x 18	Nylon	NO CODE	Plain	60	70	50 78	10	S2278

To order castor with Swivel Lock & Brake, add B to the end of the Swivel Code, eg S2280B indicates a brake castor.



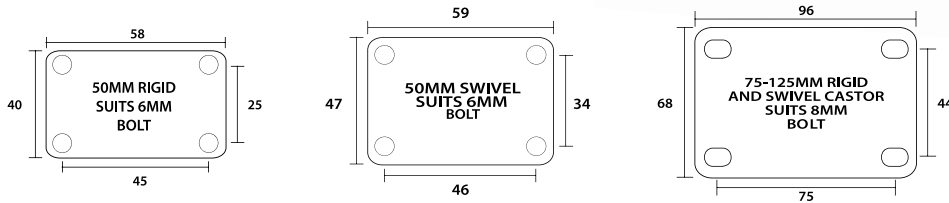
# Light Industrial Series Castors

Capacity up to 125kg per castor











- Robust twin race swivel action for long life
- Zinc plated frame for corrosion resistance
- Pressed metal castor
- Available with a wide range of wheels
- Ideal for use on mobile equipment in hospitals, nurseries, shops and industry



BASEPLATE DIMENSIONS LIGHT INDUSTRIAL CASTOR



## Specifications & Fittings

 Diameter (mm)	 Width (mm)	 Wheel Type	 Wheel Code	 Bearing Type	 Load Capacity	 Height (mm)	 Swivel Radius with brake	 Rigid Code	 Swivel Code
50	20	Rubber	NO CODE	Plain	40/25	70	50	-	S292 *
50	20	Nylon	NO CODE	Plain	50/35	70	50	-	R296 S297 *
75	25	Reb Rubber	RR3348	Ball	80/45	108	71	108	R3351 S3350
75	32	Inst Rubber	IR3008	Ball	80/45	108	71	108	R3313 S3312
75	32	Poly Nylon	PU3344	Ball	80/45	108	71	108	R3311 S3310
75	30	Nylon	NY3321	Plain	125/100	108	71	108	R3305 S3304
75	32	Cast Iron	CI3340	Plain	125/100	108	74	-	R3307 S3306 * /
100	32	Reb Rubber	RR4473	Ball	100/80	131	84	110	R4405 S4404
100	32	Inst Rubber	IR4007	Ball	100/80	131	84	110	R4426 S4425
100	27	Poly Nylon	PU4444	Ball	100/80	131	84	110	R4423 S4422
100	30	Nylon	NY4417	Plain	125/100	131	84	110	R4407 S4406
100	30	GF Nylon	GF4420	Plain	125/100	131	84	-	R4403 S4402 * /
100	35	Phenolic	PH474	Plain	125/100	131	84	-	R4415 S4414 * /
125	32	Reb Rubber	RR5573	Ball	100/80	160	100	110	R5505 S5504
125	32	Inst Rubber	IR5007	Ball	100/80	160	100	110	R5526 S5525
125	27	Poly Nylon	PU5555	Ball	100/80	160	100	110	R5523 S5522
125	30	Nylon	NY5517	Plain	125/100	160	100	110	R5507 S5506

To order castor with Swivel Lock & Brake, add B to the end of the Swivel Code, eg S5504B indicates a brake castor. Castors marked \* are not available with brakes. / Indicates castors suitable for high temperature application.



# Zinc Durolite Plate Series Castors

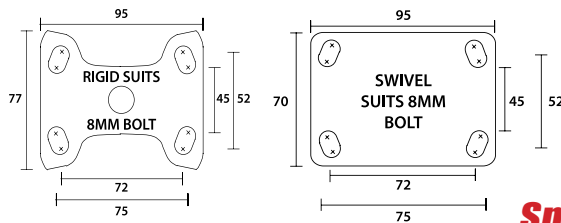
Capacity up to 100kg per castor



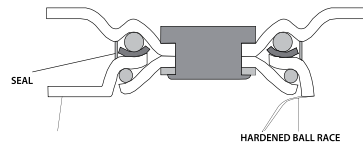
Swivel  
S5106

- Twin race swivel action for long life with pressed metal frame
- Available with a wide range of wheels to suit your application
- Ideal for use on mobile equipment in hospitals, nurseries, shops and industry
- Available in various colours to suit your application, Please Enquire











BASEPLATE DIMENSIONS LIGHT INDUSTRIAL CASTOR



CROSS SECTION ZINC DUROLITE  
PLATE TYPE CASTOR



## Specifications & Fittings

									
Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity	Height (mm)	Swivel Radius with brake	Rigid Code	Swivel Code
75	32	Reb Rubber	RR3348	Ball	80/45	107	71 105	R3117	S3116 #
75	32	Inst Rubber	IR3008	Ball	80/45	107	71 105	R3105	S3104 #
75	30	Poly Nylon	PU3344	Ball	80/45	107	71 105	R3107	S3106 #
75	30	Nylon	NY3321	Plain	80/45	107	71 105	R3103	S3102 #
100	35	Phenolic	PH472	Teflon	125/100	133	90 -	R4113	S4112 *
100	32	Reb Rubber	RR4473	Ball	100/80	135	90 106	R4111	S4110
100	32	Inst Rubber	IR4007	Ball	100/80	135	90 106	R4105	S4104
100	27	Poly Nylon	PU4444	Ball	100/80	135	90 106	R4107	S4106
100	30	Nylon	NY4417	Plain	100/80	135	90 106	R4103	S4102
125	32	Reb Rubber	RR5573	Ball	100/80	161	102 106	R5111	S5110
125	32	Inst Rubber	IR5007	Ball	100/80	161	102 106	R5105	S5104
125	27	Poly Nylon	PU5555	Ball	100/80	161	102 106	R5107	S5106
125	30	Nylon	NY5517	Plain	100/80	161	102 106	R5103	S5102
150	32	Inst Rubber	IR6009	Ball	100/80	190	125 117	R6105	S6104
150	30	Poly Nylon	PU6660	Ball	100/80	190	125 117	R6107	S6106

To order castor with Swivel Lock & Brake (B) or Directional Lock (D) to the end of the Swivel Code, eg S4110B indicates a brake castor. Castors marked # are not available with Directional Locks. Castors marked \* are not available with brakes. / Indicates castors suitable for high temperature application.

# Single Bolt Zinc Durolite Series

Capacity up to 100kg per castor

- With all the features of the plate castor, the bolt hole series can be fixed with a range of fittings
- Twin race swivel action for long life with pressed metal frame and zinc plated finish
- Ideal for use on mobile equipment in hospitals, nurseries, shops, industry and catering equipment
- Available in various colours to suit your application (see photo), Please Enquire



**Bolt Hole  
S5080B**



**Powder Coated  
Colour Finish Castors**

Pintle Parts To Suit the Zinc Durolite Single Bolt Castor		
Pintle	Pintle Code	Pintle Type
	OBT12-P1	For 19mm ID Round Tube
	OBT12-P2	For 22mm ID Round Tube
	OBT12-P3	For 28.5mm ID Round Tube
	OBT12-P4	For 19mm ID Square Tube
	OBT12-P5	For 22mm ID Square Tube
	OBT12-P6	For 28.5mm ID Square Tube

\*Also see page 61 for Solid and Threaded pintle options

## Specifications & Fittings

Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity (kg)	Height (mm)	Swivel Radius with brake	Bolt Size (mm)	Swivel Code
50	20	Nylon	NO CODE	Plain	40/25	68	55	8	S295 #
75	32	Reb Rubber	RR3348	Ball	80/45	107	71	105	S3355 #
75	30	Inst Rubber	IR3008	Ball	80/45	107	71	105	S3080 #
75	30	Poly Nylon	PU3344	Ball	80/45	107	71	105	S3330 #
75	30	Nylon	NY3321	Plain	80/45	107	71	105	S3326 #
100	32	Reb Rubber	RR4473	Ball	100/80	133	90	106	S4483
100	32	Inst Rubber	IR4007	Ball	100/80	133	90	106	S4080
100	27	Poly Nylon	PU4444	Ball	100/80	133	90	106	S4484
100	30	Nylon	NY4417	Plain	100/80	133	90	106	S4485
125	32	Reb Rubber	RR5573	Ball	100/80	159	102	106	S5583
125	32	Inst Rubber	IR5007	Ball	100/80	159	102	106	S5080
125	27	Poly Nylon	PU5555	Ball	100/80	159	102	106	S5585
125	30	Nylon	NY5517	Plain	100/80	159	102	106	S5585
150	32	Inst Rubber	IR6009	Ball	100/80	187	125	117	S6080
150	30	Poly Nylon	PU6660	Ball	100/80	187	125	117	S6081

To order castor with Chrome Brake (BC), Red Brake (BR) or Directional Lock (D) add BC, BR or D to the end of the Swivel Code., EG S6080BR indicates red brake castor. \* S295 not available with brake.  
All brakes are Swivel, Lock & Brake. Castors marked # are not available with directional lock.

# Chrome Durolite Plate Series Castors

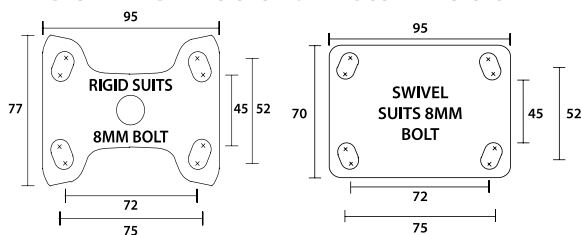
Capacity up to 125kg per castor



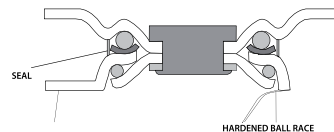
**Swivel  
S5586BR**

- Truly the best looking durable castor in it's class
- Features a chrome plated pressed metal frame giving strength and corrosion resistance
- Robust twin swivel race action providing durability
- Used in hospitals, institutions, retail applications and nursing homes. Also an attractive addition to furniture












**BASEPLATE DIMENSIONS LIGHT INDUSTRIAL CASTOR**



**CROSS SECTION CHROME  
DUROLITE PLATE TYPE CASTOR**



## Specifications & Fittings

										
Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity	Height (mm)	Swivel Radius	Swivel Radius with brake	Rigid Code	Swivel Code
75	30	Inst Rubber	IR3008	Ball	80/45	107	70	105	R3375	S3374 #
75	30	Poly Nylon	PU3344	Ball	80/45	107	70	105	R3373	S3372 #
100	32	Inst Rubber	IR4008	Ball	100/80	135	90	106	R4475	S4474
100	32	Anti Static	AS4006	Ball	100/80	135	90	106	R4465	S4464
100	27	Poly Nylon	PU4444	Ball	100/80	135	90	106	R4487	S4486
125	32	Inst Rubber	IR5008	Ball	100/80	161	102	106	R5575	S5574
125	32	Anti Static	AS5006	Ball	100/80	161	102	106	R5565	S5564
125	27	Poly Nylon	PU5555	Ball	100/80	161	102	106	R5587	S5586
150	32	Inst Rubber	IR6008	Ball	100/80	190	125	117	R6675	S6674
150	30	Poly Nylon	PU6660	Ball	100/80	190	125	117	R6689	S6688
150	30	Nylon	NY6617	Ball	125/100	190	125	117	R6685	S6684

To order castor with Chrome Brake (BC), Red Brake (BR) or Directional Lock (D) add BC, BR or D to the end of the Swivel Code., EG S6688BR indicates red brake castor. Castors marked # are not available with Directional Locks. All brakes are Swivel, Lock & Brake.

# Chrome Durolite Bolt Series Castors

Capacity up to 125kg per castor

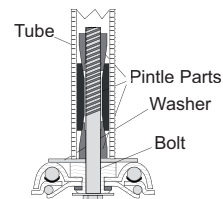
- With all the features of the plate type castor, the bolt castor has the ability to add various fittings including pre fitted threaded inserts, solid drilled metal pintles, expanding pintles or a single bolt
- Robust twin swivel race action providing durability
- Used in hospitals, institutions, retail applications and nursing homes. Also an attractive addition to furniture



**Bolt Hole  
S5580D**











Pintle Parts To Suit the Chrome Durolite Bolt Castor		
Pintle	Pintle Code	Pintle Type
	IPN12-P1	For 19mm ID Round Tube
	IPN12-P2	For 22mm ID Round Tube
	IPN12-P3	For 28.5mm ID Round Tube
	INP12-P4	For 19mm ID Square Tube
	IPN12-P5	For 22mm ID Square Tube
	IPN12-P6	For 28.5mm ID Square Tube
	<b>Single Bolt Fitting</b> Various bolt lengths available	

\*Also see page 61 for Solid and Threaded pintle options



Cross Section Bolt Type Castor inserted in tube with expanding pintle part

## Specifications & Fittings

									
Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity	Height (mm)	Swivel Radius <i>with brake</i>	Bolt Size (mm)	Swivel Code
75	30	Inst Rubber	IR3008	Ball	80/45	105	76 105	12	S3380 #
75	30	Poly Nylon	PU3344	Ball	80/45	105	76 105	12	S3381 #
100	32	Inst Rubber	IR4008	Ball	100/80	133	90 106	12	S4480
100	32	Anti Static	AS4006	Ball	100/80	135	90 106	12	S4462
100	27	Poly Nylon	PU4444	Ball	100/80	135	90 106	12	S4481
125	32	Inst Rubber	IR5008	Ball	100/80	159	102 106	12	S5580
125	32	Anti Static	AS5006	Ball	100/80	159	102 106	12	S5562
125	27	Poly Nylon	PU5555	Ball	100/80	159	102 106	12	S5581
150	32	Inst Rubber	IR6008	Ball	100/80	187	125 117	12	S6680
150	30	Poly Nylon	PU6660	Ball	100/80	187	125 117	12	S6681
150	30	Nylon	NY6617	Ball	125/100	187	125 117	12	S6682

To order castor with Chrome Brake (BC), Red Brake (BR) or Directional Lock (D) add BC, BR or D to the end of the Swivel Code., EG S6682BR indicates red brake castor. Castors marked # are not available with Directional Locks. All brakes are Swivel, Lock & Brake.

# Premier Series Castors

Capacity up to 250kg per castor

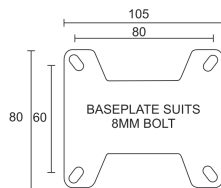
**NEW**



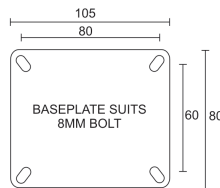
**Swivel  
S4014B**

- Features a thick steel baseplate with heat treated swivel race providing a robust castor with long life
- Plastic dust seal protects head swivel race
- Gold passivated finish provides corrosion protection, making the frame resistant to many chemicals
- The ability to bear heavier loads make it an excellent choice for mobile equipment, trolleys, hospitals, shops, nurseries and industry

## BASEPLATE DIMENSIONS

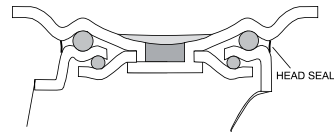


**RIGID CASTOR**













**SWIVEL CASTOR**

## CROSS SECTION SWIVEL CASTOR



## Specifications & Fittings

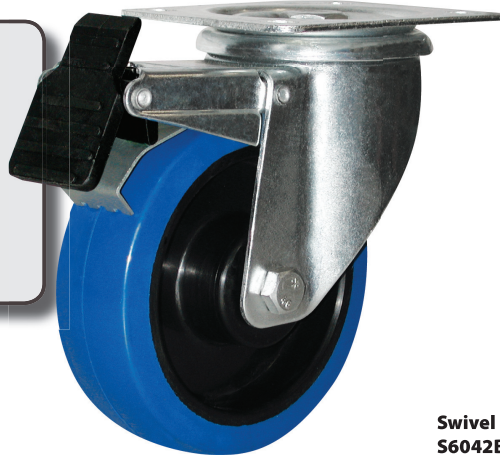
 Diameter (mm)	 Width (mm)	 Wheel Type	 Wheel Code	 Bearing Type	 Load Capacity	 Height (mm)	 Swivel Radius with brake	 Rigid Code	 Swivel Code
100	38	Nylon	NY401	Plain	250/230	138	85 112	<b>R4011</b>	<b>S4010</b>
100	35	Nylon	NY413	Ball	250/230	138	85 112	<b>R4017</b>	<b>S4016</b>
100	35	Poly Nylon	PU4408	Roller	200/180	138	85 112	<b>R4013</b>	<b>S4012</b>
100	35	Reb Rubber	RR4077	Ball	160/125	138	85 112	<b>R4015</b>	<b>S4014</b>
100	38	Cast Iron	Ci421	Plain	250/230	138	85 112	<b>R4019</b>	<b>S4018</b>
125	38	Nylon	NY501	Plain	250/230	167	102 112	<b>R5011</b>	<b>S5010</b>
125	35	Nylon	NY513	Ball	250/230	167	102 112	<b>R5017</b>	<b>S5016</b>
125	35	Poly Nylon	PU5508	Roller	200/180	167	102 112	<b>R5013</b>	<b>S5012</b>
125	35	Reb Rubber	RR5077	Ball	160/125	167	102 112	<b>R5015</b>	<b>S5014</b>

To order castor with Swivel Lock & Brake, add B to the end of the Swivel Code, eg S4014B indicates a brake castor.

# 300 Series Castors

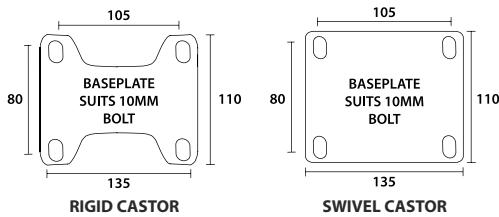
Capacity up to 300kg per castor

- European manufactured, pressed metal castor
- Medium duty castor that can be used on any style of mobile equipment
- Castor meets all dimensional and performance standards
- Higher load bearing capacity allows for use on a wider range of applications

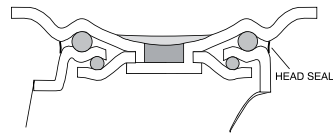


Swivel  
S6042B

## BASEPLATE DIMENSIONS



## CROSS SECTION SWIVEL CASTOR



## Specifications & Fittings

Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity (kg)	Height (mm)	Swivel Radius with brake	Rigid Code	Swivel Code
150	45	Reb Rubber	RR6677	Roller	225/200	187	127 170	R6043	S6042
150	50	Rubber	RT6642	Roller	225/200	187	127 170	R6041	S6040
150	50	Poly Nylon	PU6071	Roller	300/225	187	127 170	R6045	S6044
150	50	Nylon	NY652	Plain	300/225	187	127 170	R6033	S6032
150	45	Cast Iron	Ci608	Plain	300/225	187	127 NA	R6051	S6050 *
200	45	Reb Rubber	RR8871	Ball	250/225	237	156 170	R8043	S8042
200	50	Rubber	RT8842	Roller	250/255	237	156 170	R8041	S8040
200	45	Rubber	RN8875	Roller	200/175	237	156 170	R8047	S8046
200	50	Poly Nylon	PU8071	Roller	300/225	237	156 170	R8045	S8044

To order castor with Swivel Lock & Brake, add B to the end of the Swivel Code, eg S6054B indicates a brake castor. Castors marked \* are not available with brakes.



# Pneumatic Series Castors

Capacity up to 180kg per castor



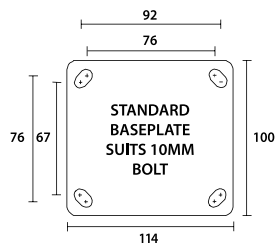
**Swivel  
S8861**

- Thick welded steel frame
- Whether used over soft or hard ground, the pneumatic castor gives comfortable ride characteristics, protecting loads
- Ideal for outdoor use
- Precision rubber sealed bearings fitted to the pneumatic wheels increase water resistance

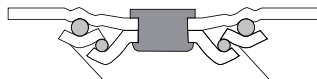
## Specifications & Fittings

Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity kg	Height (mm)	Swivel Radius	Rigid Code	Swivel Code
200	60	Pneumatic	PN8860	Ball	100	240	160	R8862	S8861
250	85	Pneumatic	PN1066	Ball	180	310	200	R1068	S1067

### BASEPLATE DIMENSIONS



### CROSS SECTION SWIVEL CASTOR



**Swivel S1067**

# Heavy Industrial Series Castors

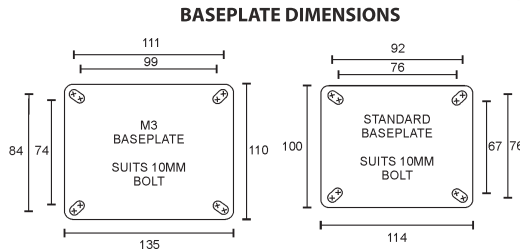
Capacity up to 500kg per castor

- The Heavy Industrial Castor has been developed to meet exacting demands by customers wanting castors capable of being transported long distances by logistics companies
- 6mm thick baseplate with welded forks provides strength and resistance to flexing
- Grease nipple maintains smooth operation of swivel
- Zinc plated finish for corrosion resistance
- Side wheel brake only

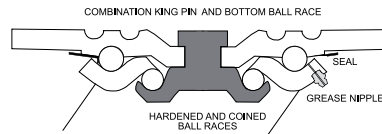


**SWIVEL  
S4448**











**Mounting Baseplates  
Also Available**



**CROSS SECTION HEAVY INDUSTRIAL CASTOR**



## Specifications & Fittings

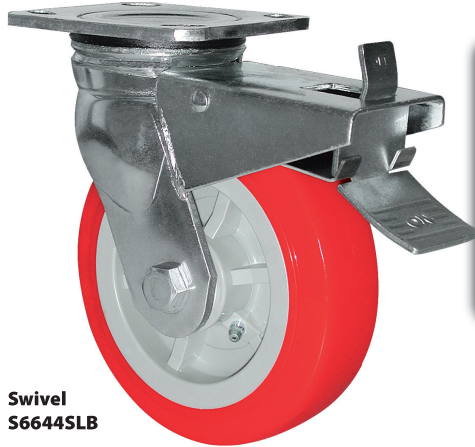
 Diameter (mm)	 Width (mm)	 Wheel Type	 Wheel Code	 Bearing Type	 Load Capacity	 Height (mm)	 Swivel Radius	 Rigid Code	 Swivel Code
100	35	Poly Nylon	PU4408	Roller	250/200	140	84	<b>R4438</b>	<b>S4437</b>
100	38	Poly CI	PU449	Ball	330/250	140	84	<b>R4449</b>	<b>S4448</b>
100	35	Nylon	NY401	Plain	300/200	140	84	<b>R4434</b>	<b>S4433</b>
100	35	Nylon	NY403	Roller	300/200	140	84	<b>R4446</b>	<b>S4445</b>
100	35	Nylon	NY413	Ball	300/200	140	84	<b>R4436</b>	<b>S4435</b>
100	35	GF Nylon	GF414	Plain	200/150	140	84	<b>R4455</b>	<b>S4454</b>
100	35	Phenolic	PH474	Plain	180/150	140	84	<b>R4467</b>	<b>S4466 *</b>
100	35	Phenolic	PH473	Teflon	180/150	140	84	<b>R4397</b>	<b>S4396 *</b>
100	38	Cast Iron	CI421	Plain	300/225	140	84	<b>R4451</b>	<b>S4450 *</b>
100	38	Cast Iron	CI400	Ball	400/300	140	84	<b>R4453</b>	<b>S4452 *</b>
125	35	Poly Nylon	PU5508	Roller	250/200	165	100	<b>R5543</b>	<b>S5542</b>
125	38	Poly CI	PU549	Ball	330/250	165	100	<b>R5549</b>	<b>S5548</b>
125	36	Nylon	NY501	Plain	330/250	165	100	<b>R5534</b>	<b>S5533</b>
125	36	Nylon	NY503	Roller	330/250	165	100	<b>R5538</b>	<b>S5537</b>
125	36	Nylon	NY513	Ball	330/250	165	100	<b>R5536</b>	<b>S5535</b>
125	38	Cast Iron	CI532	Plain	380/280	165	100	<b>R5551</b>	<b>S5550 *</b>
150	50	Cast Iron	CI608	Plain	500/380	190	124	<b>R6651</b>	<b>S6650 *</b>
150	50	Cast Iron	CI6666	Roller	500/380	190	124	<b>R6665</b>	<b>S6664 *</b>
200	45	Cast Iron	CI842	Plain	500/380	241	156	<b>R8854</b>	<b>S8853 *</b>
200	45	Cast Iron	CI841	Ball	500/380	241	156	<b>R8856</b>	<b>S8855 *</b>

Now available with a standard baseplate or M3 (Metric) baseplate. To order castor with Wheel Brake & or Directional Lock add B or D to the end of the Swivel Code e.g. S5542BD indicates a brake castor with directional lock. Castors marked \* are not available with brakes.  
/ Indicates castors suitable for high temperature application.



# Heavy Industrial Series Castors











Capacity up to 500kg per castor



**Swivel  
S6644SLB**

- The Heavy Industrial Castor has been developed to meet exacting demands by customers wanting castors capable of being transported long distances by logistics companies
- 6mm thick baseplate with welded forks provides strength and resistance to flexing
- Grease nipple maintains smooth operation of swivel
- Zinc plated finish for corrosion resistance
- Swivel Lock & Brake

## Specifications & Fittings

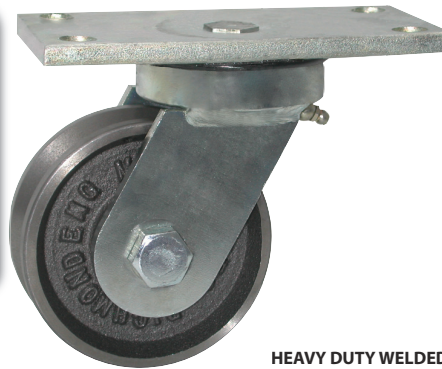
 Diameter (mm)	 Width (mm)	 Wheel Type	 Wheel Code	 Bearing Type	 Load Capacity	 Height (mm)	 Swivel Radius with brake	 Rigid Code	 Swivel Code
100	50	Rubber	RT4447	Roller	110/80	140	84 160	<b>R4431</b>	<b>S4432</b>
100	50	Poly Nylon	PU4409	Roller	250/200	140	84 160	<b>R4411</b>	<b>S4410</b>
100	50	Poly CI	PU424	Roller	250/200	140	84 160	<b>R4401</b>	<b>S4400</b>
100	50	Solid Poly	PS4479	Roller	350/300	140	84 160	<b>R4495</b>	<b>S4494</b>
125	50	Rubber	RT5547	Roller	180/130	165	100 160	<b>R5503</b>	<b>S5502</b>
125	50	Poly Nylon	PU5509	Roller	350/300	165	100 160	<b>R5511</b>	<b>S5510</b>
125	50	Poly CI	PU524	Roller	350/300	165	100 160	<b>R5531</b>	<b>S5530</b>
125	50	Solid Poly	PS5579	Roller	350/300	165	100 160	<b>R5595</b>	<b>S5594</b>
150	45	Reb Rubber	RR6677	Roller	225/200	190	124 160	<b>R6631</b>	<b>S6632</b>
150	50	Rubber	RT6642	Roller	225/200	190	124 160	<b>R6641</b>	<b>S6640</b>
150	50	Rubber	RT6647	Roller	225/200	190	124 160	<b>R6603</b>	<b>S6602</b>
150	50	Poly Nylon	PU6071	Roller	400/300	190	124 160	<b>R6645</b>	<b>S6644</b>
150	55	Poly CI	PU614	Roller	250/200	190	124 160	<b>R6656</b>	<b>S6655</b>
150	50	Poly CI	PU649	Ball	500/380	190	124 160	<b>R6649</b>	<b>S6648</b>
150	50	Nylon	NY652	Plain	400/300	190	124 160	<b>R6634</b>	<b>S6633</b>
150	50	Nylon	NY613	Ball	400/300	190	124 160	<b>R6636</b>	<b>S6635</b>
200	45	Reb Rubber	RR8871	Ball	250/225	241	156 160	<b>R8831</b>	<b>S8832</b>
200	34	Rubber	RN8875	Roller	200/150	241	156 160	<b>R8873</b>	<b>S8872</b>
200	50	Rubber	RT8842	Roller	250/225	241	156 160	<b>R8841</b>	<b>S8840</b>
200	50	Rubber	RT8847	Roller	250/225	241	156 160	<b>R8803</b>	<b>S8802</b>
200	50	Poly Nylon	PU8071	Roller	400/300	241	156 160	<b>R8850</b>	<b>S8849</b>
200	50	Poly CI	PU849	Ball	500/380	241	156 160	<b>R8852</b>	<b>S8851</b>
200	45	Nylon	NY800	Plain	400/300	241	156 160	<b>R8844</b>	<b>S8843</b>

Now available with a standard baseplate or M3 (Metric) baseplate. To order castor with Swivel Lock & Brake (SLB) or Directional Lock (D) add SLB or D to the end of the Swivel Code e.g. S6644SLB indicates a swivel lock & brake castor. PLEASE NOTE BASE PLATE DIMENSIONS AND FRAME CROSS-SECTION ARE THE SAME AS PAGE 14.

# Heavy Duty Welded Series Castors

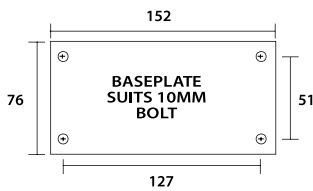
Capacity up to 400kg per castor

- Precision built for durability under extreme conditions, the heavy duty welded series is ideal for a heavy industrial environment
- Features precision machined swivel ball race for ultra smooth swivel action
- King pins made from high tensile steel to withstand high side impact loads
- Zinc plated for corrosion resistance

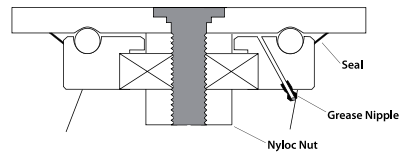


HEAVY DUTY WELDED  
CASTOR FITTED WITH  
V-GROOVE WHEEL  
S465











## BASEPLATE DIMENSIONS



## CROSS SECTION SWIVEL CASTOR



## Specifications & Fittings

 Diameter (mm)	 Width (mm)	 Wheel Type	 Wheel Code	 Bearing Type	 Load Capacity	 Height	 Swivel Radius	 Rigid Code	 Swivel Code
75	25	Poly CI	PU350	Ball	240/180	114	76	R328	S327
75	32	Nylon	NY3321	Plain	125/100	114	76	R321	S323
100	37	Poly CI	PU449	Ball	330/250	132	90	R448	S447
100	35	Nylon	NY401	SS Sleeve	300/200	132	90	R402	S406
100	35	Nylon	NY413	Ball	300/200	132	90	R415	S416
100	35	Cast Iron	Ci421	Plain	300/225	132	90	R423	S422
100	37	Cast Iron	Ci400	Ball	400/300	132	90	R440	S470
100	36	Cast Iron	VG459	Ball	280	132	90	R446	S465
125	37	Poly CI	PU549	Ball	330/250	159	102	R548	S547
125	37	Nylon	NY501	SS Sleeve	330/250	159	102	R502	S506
125	37	Nylon	NY513	Ball	330/250	159	102	R515	S516
125	38	Cast Iron	Ci532	Plain	380/280	159	102	R534	S533

To order castor with Brake and/ or 4 Way Directional Lock, add B and/or D to the end of Swivel Code e.g. S422B indicates a brake castor.

# 500 Series Castors

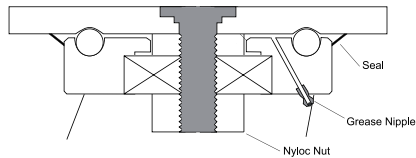
Capacity up to 500kg per castor



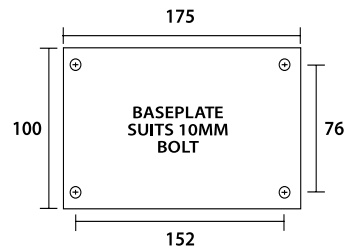
- The 500 Series are suitable for most heavy duty applications including low speed, medium weight towing for tyred models (6kph maximum speed)
- Featuring a precision machined swivel ball race with seal that ensures the swivel movement is kept clean and smooth
- The high tensile steel kingpin helps to withstand high impact side loads

Also Available in  
Stainless Steel

CROSS SECTION SWIVEL CASTOR




BASEPLATE DIMENSIONS



## Specifications & Fittings

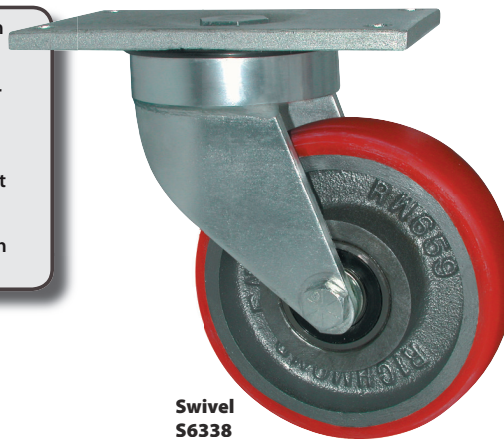
Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity (kg)	Height	Swivel Radius	Rigid Code	Swivel Code
150	50	Rubber	RT6642	Roller	225/200	194	130	R6761	S6760
150	50	Poly CI	PU649	Ball	500/380	194	130	R6271	S6270
150	50	Nylon	NY652	SS Sleeve	400/300	194	130	R6061	S6060
150	50	Nylon	NY613	Ball	400/300	194	130	R6121	S6120
150	50	Cast Iron	Ci608	Plain	500/380	194	130	R6711	S6710
150	50	Cast Iron	Ci6666	Roller	500/380	194	130	R6211	S6210
150	50	Cast Iron	Ci601	Ball	500/380	194	130	R6241	S6240
150	38	Cast Iron	VG609	Ball	500	194	130	R6451	S6450 *
200	50	Rubber	RT8842	Roller	250/225	248	155	R8231	S8230
200	45	Poly CI	PU849	Ball	500/380	248	155	R8471	S8470
200	45	Nylon	NY800	SS Sleeve	400/300	248	155	R8281	S8280
200	45	Nylon	NY830	Ball	400/300	248	155	R8121	S8120
200	45	Cast Iron	Ci842	Plain	500/250	248	155	R8451	S8450
200	45	Cast Iron	Ci852	Ball	500/300	248	155	R8431	S8430
230	40	Cushion Rubber	CR9000	Ball	220/180	294	175	R9011	S9010
250	50	Cushion Rubber	CR1060	Ball	300/250	302	184	R1026	S1025

To order castor with Brake and/ or 4 Way Directional Lock, add B and/ or D to the end of Swivel Code e.g. S8120B indicates a brake castor.  denotes towable castors. \*S6450 not available with brake

# 1000 Series Castors

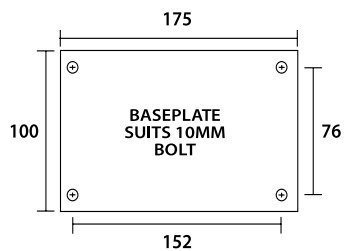
Capacity up to 1000kg per castor

- Tyred models can be successfully towed at 6 kph on smooth floors without obstructions
- 1000kg rating provides an alternative to heavier load bearing castors
- The precision machined swivel ball race with rubber seal ensures the swivel movement is kept clean and smooth
- High tensile steel kingpin to help withstand high side impact loads

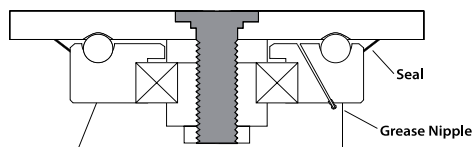


Swivel  
S6338















## BASEPLATE DIMENSIONS




## CROSS SECTION SWIVEL CASTOR



## Specifications & Fittings

 Diameter (mm)	 Width (mm)	 Wheel Type	 Wheel Code	 Bearing Type	 Load Capacity	 Height	 Swivel Radius	 Rigid Code	 Swivel Code
150	50	Poly CI	PU659	Ball	900/700	194	130	R6339	S6338 
150	50	Cast Iron	CI601	Ball	1000/500	194	130	R6319	S6318
200	50	Poly CI	PU876	Ball	1000/750	248	155	R8069	S8068 
200	50	Cast Iron	CI852	Ball	1000/500	248	155	R8089	S8088
250	50	Poly CI	PU1056	Ball	1000/750	300	180	R1020	S1019 
300	50	Poly CI	PU1218	Ball	1000/750	360	215	R1205	S1204 

To order castor with Brake and/ or 4 Way Directional Lock, add B and/or D to the end of Swivel Code e.g. S6138B indicates a brake castor.  denotes towable castors.

# Forged Head Series

Capacity up to 1500kg per castor

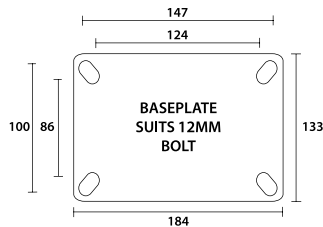
**NEW**



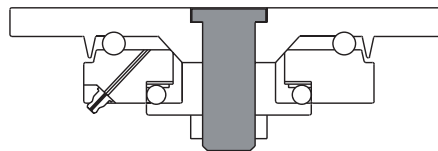
**Swivel  
S8002**

- The forged head series castor is great when extreme shock loading is involved, robust durable king pin, drop forged steel baseplate completed with a corrosive resistant zinc finish
- Applications includes, Transportable/logistics, Heavy machinery, Warehousing equipment, mobile platforms etc
- A great all round castor for those heavy duty applications













## BASEPLATE DIMENSIONS



## CROSS SECTION SWIVEL CASTOR



## Specifications & Fittings

 Diameter (mm)	 Width (mm)	 Wheel Type	 Wheel Code	 Bearing Type	 Load Capacity	 Height	 Swivel Radius	 Rigid Code	 Swivel Code
200	75	SG Iron	SG822	Ball	1500/1200	257	156	<b>R8001</b>	<b>S8000</b>
200	75	Poly	PU824	Ball	1500/1200	257	156	<b>R8003</b>	<b>S8002</b> 
250	75	SG Iron	SG1027	Ball	1500/1200	305	194	<b>R1033</b>	<b>S1032</b>
250	75	Poly	PU1030	Ball	1500/1200	305	194	<b>R1035</b>	<b>S1034</b> 

To order castor with Brake add **B** to the end of Swivel Code e.g. **S8002B** indicates a brake castor.  
 denotes towable castors.

# 2000 Series Castors

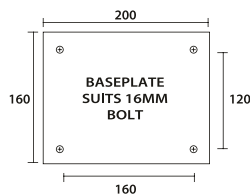
Capacity up to 2000kg per castor

- This extra heavy duty range has been precisely designed and custom built to excel under the hardest circumstances
- Featuring a precision thrust race in 16mm steel baseplate and heavy duty tapered roller bearing, the 2000 Series gives excellent performance under heavy duty loads
- Low speed towing (12kph) on flat surfaces with no obstructions (for tyred models)

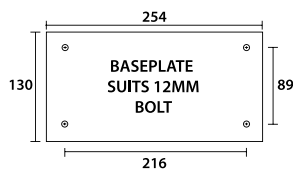


Swivel  
S10902SG

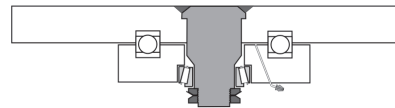
## STANDARD BASEPLATE DIMENSIONS



## OPTIONAL BASEPLATE DIMENSIONS (SPECIFY WHEN ORDERING)

















## CROSS SECTION 2000 SERIES SWIVEL CASTOR



FITTED WITH PRECISION THRUST BEARINGS AND  
A LARGE DIAMETER OPPOSED TAPER ROLLER

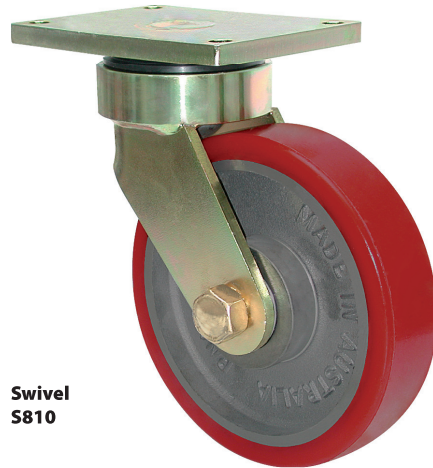
## Specifications & Fittings

 Diameter (mm)	 Width (mm)	 Wheel Type	 Wheel Code	 Bearing Type	 Load Capacity	 Height	 Swivel Radius	 Rigid Code	 Swivel Code
200	75	SG Iron	SG821	Ball	2000/1700	260	165	R8903SG	S8902SG
200	75	Poly	PU823	Ball	2000/1700	260	165	R8905PU	S8904PU 
250	75	SG Iron	SG1028	Ball	2000/1700	310	190	R10903SG	S10902SG
250	75	Poly	PU1029	Ball	2000/1700	310	190	R10905PU	S10904PU 
300	75	Poly	PU1216	Ball	2000/1700	364	220	R12905PU	S12904PU 

To order castor with Brake and/ or 4 Way Directional Lock, add B and/or D to the end of Swivel Code e.g. S8904PUB  
indicates a brake castor.  denotes towable castors.

# High Performance Series Castors

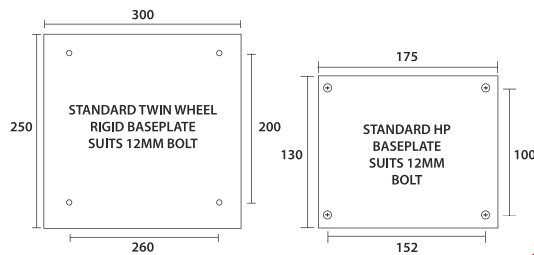
Capacity up to 1500kg per castor



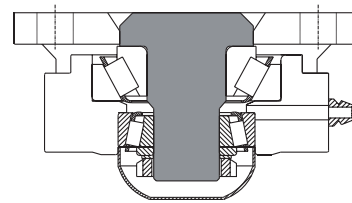
**Swivel  
S810**

- When performance and endurance are key concerns, the High Performance castor is world class
- With a large opposed taper roller bearing in the swivel head, the castor can be power towed at up to 12kph over flat surfaces without obstructions
- The steel frame is robot welded and the fully sealed greasable swivel head makes an easily maintainable and smooth running swivel

## BASEPLATE DIMENSIONS



## CROSS SECTION SWIVEL CASTOR



FITTED WITH LARGE DIAMETER OPPOSED TAPER ROLL BEARING SWIVEL HEAD

## Specifications & Fittings

Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity	Height	Swivel Radius	Rigid Code	Swivel Code	
150	50	Poly CI	PU659	Ball	900/700	214	135	R634	S633	
150	75	Poly CI	PU615	Ball	1100/750	214	135	R656	S657	
150	50	Cast Iron	Ci600	Ball	1500/500	214	135	R632	S631	
150	75	Cast Iron	Ci689	Ball	1500/500	214	135	R691	S690	
200	50	Poly CI	PU876	Ball	1200/900	264	172	R811	S810	
200	50 x 2	TW Poly CI	PU876 x 2	Ball	1200/900	264	172	R873	S872	
200	75	Poly CI	PU896	Ball	1300/750	264	172	R898	S897	
200	50	SG Iron	SG835	Ball	1500/500	264	172	R819	S818	
200	75	SG Iron	SG834	Ball	1500/500	264	172	R838	S837	
250	75	Poly CI	PU1076	Ball	1300/1000	312	210	R1018	S1017	
250	75 x 2	TW Poly CI	PU1076 x 2	Ball	1300/1000	312	210	R1091	S1090	
250	75	SG Iron	SG1040	Ball	1500/1000	312	210	R1042	S1043	
300	75	Poly CI	PU1217	Ball	1500/1000	375	240	R1229	S1228	
300	100	Poly CI	PU1224	Ball	1500/1000	375	240	R1226	S1225	
400	100	Pneumatic	PN1616	Ball	300	475	295	R1602	S1601	
400	100	Solid Pneumatic	SN1612	Ball	950/730	475	295	R1651	S1650	

To order castor with Brake and/ or 4 Way Directional Lock, add B and/or D to the end of Swivel Code e.g. S633B indicates a brake castor. denotes towable castors.

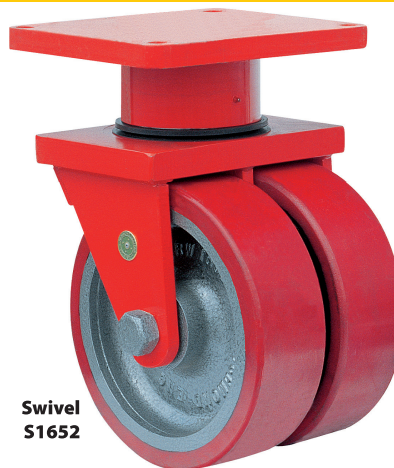




# Extra High Performance Series Castors

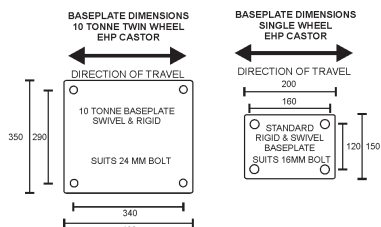
Capacity up to 10,000kg per castor

- In a class of it's own, the EHP performs in the toughest circumstances
- Featuring a large opposed taper roller bearing swivel head that is fully sealed and strong robot welded construction, the EHP will live a long life without breakdowns
- The fitted swivel head allows the castor to be towed at speeds of up to 16kph on flat surfaces with no obstacles. This makes it ideal for work in heavy duty applications

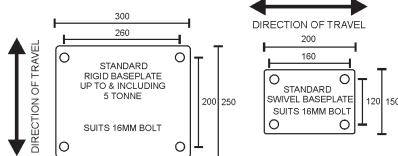


Swivel  
S1652

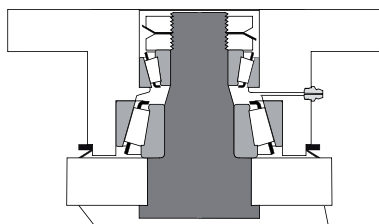
## SINGLE WHEEL AND TWIN SWIVEL BASEPLATE



## BASEPLATE DIMENSIONS STANDARD TWIN WHEEL EHP CASTOR



## CROSS SECTION EHP SWIVEL CASTOR



## Specifications & Fittings

Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity (kg)	Height	Swivel Radius	Rigid Code	Swivel Code
200	75	Steel	SG836	Taper	5000/3750	320	172	R865	S866
250	50 x2	TW Poly CI	PU1061 x2	Taper	2000/1500	370	210	R1062	S1063
250	75 x2	TW Poly CI	PU1076 x2	Taper	2000/1500	370	210	R1064	S1065
250	100	Poly CI	PU1049	Taper	5000/3750	370	210	R1092	S1093
300	100	Poly CI	PU1224	Ball	2500/1875	420	240	R1221	S1222
300	50 x 2	TW Poly CI	PU1218 x2	Taper	2500/1875	420	240	R1236	S1237
300	100	Poly CI	PU1203	Taper	5000/3750	420	240	R1223	S1224
300	100 x 2	TW Poly CI	PU1203 x2	Taper	3000/2250	420	240	R1240	S1241
350	100 x 2	TW Poly CI	PU1408 x2	Taper	3000/2250	470	290	R1409	S1410
400	125	Poly CI	PU1606	Taper	5000/3750	520	295	R1607	S1608
400	125 x 2	TW Poly CI	PU1606 x2	Taper	10000/7500	610	318	R1651	S1652

To order castor with Brake and/ or 4 Way Directional Lock, add B and/or D to the end of Swivel Code e.g. S886B indicates a brake castor. denotes towable castors.



# Towmaster Castor

Capacity up to 2250kg per castor

Custom Design




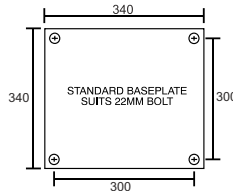
Swivel  
S1622

- At the forefront of castor design, the towmaster was conceived, designed and manufactured in-house. Made for high speed trolleys, it can be found in use in container handling areas, wharves, airports and manufacturing plants
- The towmaster can be customised to suit specifications allowing for changes in load capacities and tow speeds
- PLEASE PHONE TECHNICAL STAFF FOR MORE INFORMATION

## Specifications & Fittings

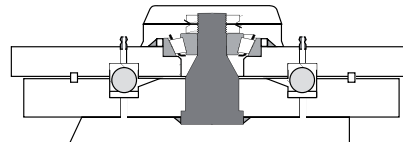
Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity (kg)	Height	Swivel Radius	Rigid Code	Swivel Code
460	125 x 2	TW Solid Pneumatic	SN1615 x 2	Ball	2250	480	322	R1623	S1622
460	125 x 2	TW Solid Pneumatic	CR1614 x 2	Ball	2250	480	322	R1627	S1626

To order castor with Brake and/or 4 Way Directional Lock, add B and/or D to the end of Swivel Code e.g. S1622B indicates a brake castor.  denotes towable castors.



N.B. BASEPLATES CAN BE CUSTOMIZED TO YOUR REQUIREMENTS

### CROSS SECTION SWIVEL CASTOR



# Cargo Series Castor

Capacity up to 200kg per castor



Swivel Castor S2446

- Maintenance free precision ball bearing for low rolling and swivelling effort
- Robust pressed steel fork with anti-corrosion coating and integrated plastic sealing

## Specifications & Fittings

Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity (kg)	Height	Swivel Code
58	35	Nylon	NO CODE	Ball	200	96	S2334
70	35	Nylon	NO CODE	Ball	200	102	S2446

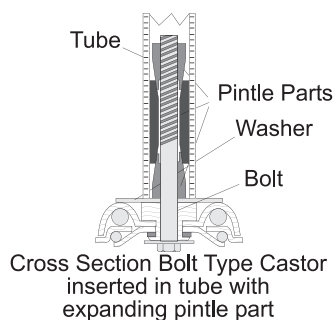
# Eco-lite Stainless Steel Bolt Castors

Capacity up to 100kg per castor

- Incredible castor at an inexpensive price
- Stainless steel Grade 304
- Robust twin ball bearing Swivel Race
- Widely used in Food Processing Plants, Hospitals, Laboratories and Nursing Homes
- Sturdy multi use castor, best in class













Bolt Hole  
S4000



Pintle Parts To Suit the Eco-Lite Stainless Steel Medical Elite Castor		
Pintle	Pintle Code	Pintle Type
	SSP12-P1	For 19mm ID Round Tube
	SSP12-P2	For 22mm ID Round Tube
	SSP12-P3	For 28.5mm ID Round Tube
	SSP12-P4	For 19mm ID Square Tube
	SSP12-P5	For 22mm ID Square Tube
	SSP12-P6	For 28.5mm ID Square Tube
	<b>Single Bolt Fitting</b> Various bolt lengths available	

\*Also see page 61 for Solid and Threaded pintle options

## Specifications & Fittings

										
Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity	Height	Swivel Radius <i>with brake</i>	Bolt Size	Swivel Code	
75	30	Poly Nylon	PU3345	Ball	80/45	111	68	85	12	S3002
75	30	Nylon	NY3321	Plain	80/45	111	68	85	12	S3000
100	27	Poly Nylon	PU4439	Ball	100/80	137	83	95	12	S4002
100	30	Nylon	NY4417	Plain	100/80	137	83	95	12	S4000
125	27	Poly Nylon	PU5539	Ball	100/80	164	96	108	12	S5002
125	30	Nylon	NY5517	Plain	100/80	164	96	108	12	S5000

To order castor with Swivel Lock & Brake add **(B)** to end of Swivel Code  
e.g. **S4000B** indicates brake castor.

# Eco-lite Stainless Steel Series Castors

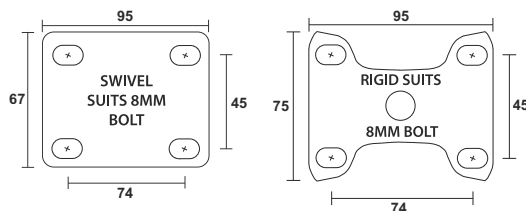
Capacity up to 100kg per castor



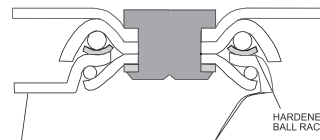
Swivel  
S3028

- Incredible castor at an inexpensive price
- Stainless steel Grade 304
- Robust twin ball bearing Swivel Race
- Widely used in Food Processing Plants, Hospitals, Laboratories and Nursing Homes
- Sturdy multi use castor, best in class











## BASEPLATE DIMENSIONS RIGID AND SWIVEL STAINLESS STEEL ECO-LITE PLATE SERIES CASTOR



## CROSS SECTION STAINLESS STEEL ECO-LITE SWIVEL PLATE CASTOR



## Specifications & Fittings

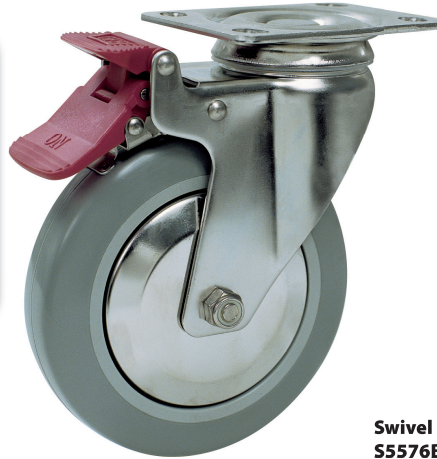
 Diameter (mm)	 Width (mm)	 Wheel Type	 Wheel Code	 Bearing Type	 Load Capacity	 Height	 Swivel Radius with brake	 Rigid Code	 Swivel Code
75	30	Poly Nylon	PU3345	Ball	80/45	111	68 85	R3031	S3030
75	30	Nylon	NY3321	Plain	80/45	111	68 85	R3029	S3028
100	27	Poly Nylon	PU4439	Ball	100/80	137	83 95	R4031	S4030
100	30	Nylon	NY4417	Plain	100/80	137	83 95	R4029	S4028
125	27	Poly Nylon	PU5539	Ball	100/80	164	96 108	R5031	S5030
125	30	Nylon	NY5517	Plain	100/80	164	96 108	R5029	S5028

To order castor with Swivel Lock & Brake add **(B)** to end of Swivel Code  
e.g. **S3028B** indicates brake castor.

# Stainless Steel Medical Elite Plate Series

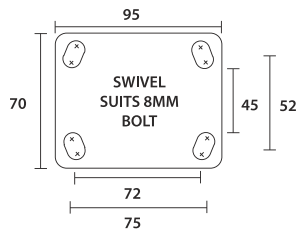
Capacity up to 100kg per castor

- Stainless Steel (Grade 304) castors are used in areas where hygiene and health are important
- Features Stainless Steel double ball race swivel head contributing to a long maintenance free life
- Attractive Stainless Steel thread guards (100mm & 125mm) or plastic thread guards (75mm)
- Total Brake colour is red,  
Directional Lock colour is green

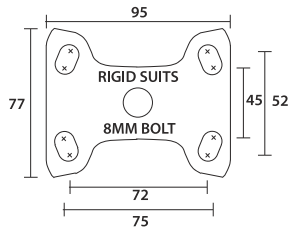


Swivel  
S5576B

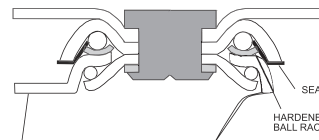
BASEPLATE DIMENSIONS SWIVEL CASTOR



BASEPLATE DIMENSIONS RIGID CASTOR



CROSS SECTION SWIVEL CASTOR



## Specifications & Fittings

Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity (kg)	Height (mm)	Swivel Radius with brake	Rigid Code	Swivel Code
75	30	Inst Rubber	IR3009	Ball	80/45	107	70 105	R3377	S3376 #
75	30	Poly Nylon	PU3345	Ball	80/45	107	70 105	R3383	S3382 #
75	30	Nylon	NY3321	Plain	80/45	107	70 105	R3389	S3388 #
100	27	Poly Nylon	PU4439	Ball	100/80	135	90 106	R4477	S4476
100	30	Nylon	NY4417	Plain	100/80	135	90 106	R4489	S4488
125	27	Poly Nylon	PU5539	Ball	100/80	161	102 106	R5577	S5576
125	30	Nylon	NY5517	Plain	100/80	161	102 106	R5589	S5588

To order castor with Swivel Lock & Brake (B) or Directional Lock (D) add B or D to the end of the Swivel Code e.g. S4476B indicates a brake castor. Castors marked # are not available with directional locks.

# Stainless Steel Medical Elite Bolt Series

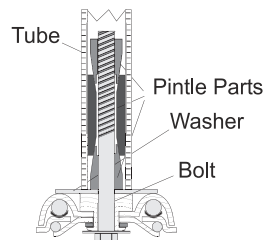
Capacity up to 100kg per castor



**Bolt Hole  
S5578B**

- Stainless Steel (Grade 304) castors are used in areas where hygiene and health are important
- Features Stainless Steel double ball race swivel head contributing to a long maintenance free life
- Attractive Stainless Steel thread guards (100mm & 125mm) or plastic thread guards (75mm)
- Total Brake colour is red,  
Directional Lock colour is green

**MEDICAL STANDARD  
POLISHED STAINLESS  
STEEL FINISH**



**Cross Section Bolt Type Castor**  
inserted in tube with  
expanding pindle part

Pintle Parts To Suit the Stainless Steel Medical Elite Castor		
Pintle	Pintle Code	Pintle Type
	SSP12-P1	For 19mm ID Round Tube
	SSP12-P2	For 22mm ID Round Tube
	SSP12-P3	For 28.5mm ID Round Tube
	SSP12-P4	For 19mm ID Square Tube
	SSP12-P5	For 22mm ID Square Tube
	SSP12-P6	For 28.5mm ID Square Tube
	<b>Single Bolt Fitting</b> Various bolt lengths available	

\*Also see page 61 for Solid and Threaded pintle options

## Specifications & Fittings

Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity	Height (mm)	Swivel Radius (mm)	Bolt Size (mm)	Swivel Code
75	30	Inst Rubber	IR3009	Ball	80/45	105	70	105	12 S3378 #
75	30	Poly Nylon	PU3345	Ball	80/45	105	70	105	12 S3384 #
75	30	Nylon	NY3321	Plain	80/45	105	70	105	12 S3390 #
100	27	Poly Nylon	PU4439	Ball	100/80	133	90	106	12 S4478
100	30	Nylon	NY4417	Plain	100/80	133	90	106	12 S4490
125	27	Poly Nylon	PU5539	Ball	100/80	159	102	106	12 S5578
125	30	Nylon	NY5517	Plain	100/80	159	102	106	12 S5590

To order castor with Swivel Lock & Brake (B) or Directional Lock (D) add B or D to the end of the Swivel Code e.g. S5578B indicates a brake castor. Castors marked # are not available with directional locks.

# Stainless Steel Excel Series

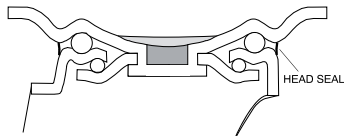
Capacity up to 380kg per castor

- Heavy duty pressed stainless steel frame with quality stainless finish
- Swivel Lock and Brake for total brake performance
- Transportable (when assembled with Rebound Polyurethane Wheel)
- Ideal for use in wet areas or where frequent wash downs are necessary, such as food or health industries

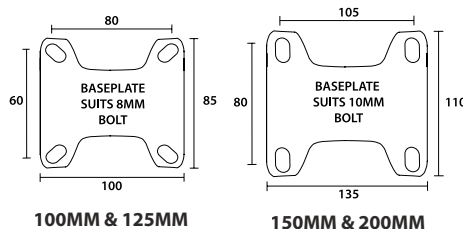


**Swivel  
S8144B**

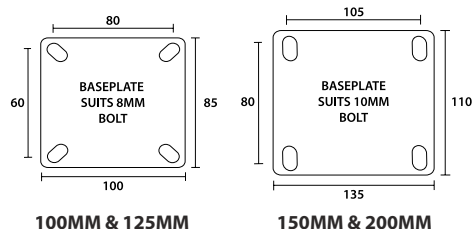
**CROSS SECTION SWIVEL CASTOR**













**BASEPLATE DIMENSIONS RIGID CASTOR**



**BASEPLATE DIMENSIONS SWIVEL CASTOR**



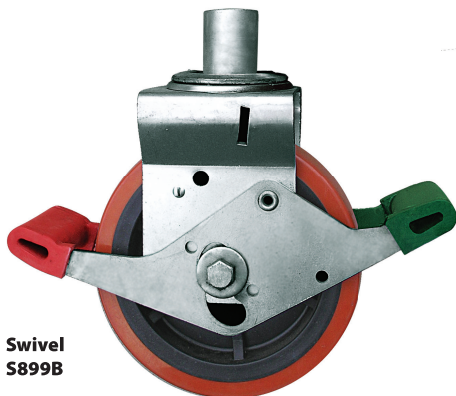
## Specifications & Fittings

 Diameter (mm)	 Width (mm)	 Wheel Type	 Wheel Code	 Bearing Type	 Load Capacity	 Height (mm)	 Swivel Radius with brake	 Rigid Code	 Swivel Code
100	33	Reb Poly	RP4072	Roller	140/100	133	92	R4145	S4144
100	35	Nylon	NY401	Plain	200/150	133	92	R4143	S4142
125	35	Reb Poly	RP5072	Roller	180/150	158	158	R5145	S5144
125	35	Nylon	NY501	Plain	200/150	158	158	R5143	S5142
150	40	Reb Poly	RP6072	Roller	300/250	187	127	R6145	S6144
150	48	Nylon	NY652	Plain	300/250	187	127	R6143	S6142
150	45	Nylon	NY655	Roller	300/250	187	127	R6141	S6140
200	50	Reb Poly	RP8072	Roller	300/250	237	156	R8145	S8144
200	45	Nylon	NY800	Plain	380/350	237	156	R8143	S8142
200	50	Nylon	NY802	Roller	380/350	237	156	R8141	S8140

To order castor with Swivel Lock & Brake (B), add B to the end of the Swivel Code e.g. S8144B indicates a brake castor.

# Scaffold Series Castors








Capacity up to 700kg per castor



Swivel  
S899B

- Designed specifically for scaffolding work
- Colour coded brake pedals to easily identify on/off operation
- An advanced design, eliminating the kingpin, the scaffold castor features a zinc passivated steel frame that in conjunction ensure rigidity and a long working life

## Specifications & Fittings

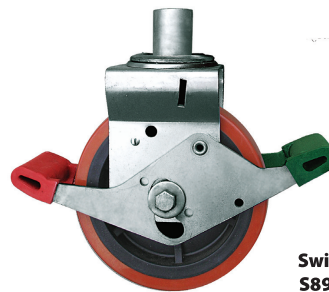
						
Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity	Swivel Code
Adjustable Thread Type to Suit 49MM OD Tube						
200	50	Poly Nylon	No Code	Roller	700	S879B
Pin Type Suit 38MM ID Tube						
200	50	Poly Nylon	No Code	Roller	700	S899B

We can supply with many other socket and pin sizes.

TESTED & APPROVED  
To AS 1576.2 1991  
Appendix H



Swivel  
S879B



Swivel  
S899B



# Shower Castors

Capacity up to 100kg per castor

- Specifically designed to suit commode or shower chairs in hospitals and nursing homes
- Black powder-coated finish on fork and brake pedal
- Stainless steel brake spring, ball race, axle and rivet
- Polyurethane nylon wheel with stainless steel bearing



**Bolt Hole  
S5592B**

## Specifications & Fittings

Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity	Height (mm)	Swivel Radius with brake	Bolt Size	Swivel Code
125	25	Poly Nylon	-	SS Ball	100/80	158	102 106	12	S5592

To order castor with Swivel Lock & Brake (B), add B to the end of the Swivel Code e.g. S5592B indicates a brake castor.

**Pintle fittings are available in both round, square, threaded stem and solid.  
Please refer to page 61 for full pintle options**

# Duraplas Castors

Capacity up to 100kg per castor

- Fork made in glass fibre-reinforced nylon making it resistant to bending & impact
- Water resistant rubber sealed precision ball bearings are used in the raceway
- Fast & noiseless movement without any effort
- Fits standard square and round tubes



**Bolt Hole  
S5904B**

## Specifications & Fittings

Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity	Height (mm)	Swivel Radius with brake	Bolt Size	Swivel Code
125	32	Grey Rubber	-	Ball	100/90	165	110 121	10	S5904

To order castor with Swivel Lock & Brake (B), add B to the end of the Swivel Code e.g. S5904B indicates a brake castor.

**Pintle fittings are available in both round, square, threaded stem and solid.  
Please refer to page 61 for full pintle options**



# Central Locking Medical Series

Capacity up to 120kg per castor



**Powder Coated  
Swivel S5294B**



**Swivel  
S8293B**

- Pressed steel yoke with precision ball bearing swivel head
- Attractive Chrome Castor. Also available in Stainless Steel or Powder Coated Finish
- Smooth and positive brake performance
- Transmission Levers and Double Action Pedals Available

## Specifications & Fittings



Diameter  
(mm)



Width  
(mm)



Wheel  
Type



Wheel  
Code



Bearing  
Type



Load Capacity



Height  
(mm)



Swivel Radius



Swivel Code

Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity	Height (mm)	Swivel Radius	Swivel Code
100	32	Grey Rubber	-	Ball	100/90	142	80	<b>S4293</b>
125	32	Grey Rubber	-	Ball	100/90	164	102	<b>S5293</b>
150	32	Grey Rubber	-	Ball	120/100	192	125	<b>S6293</b>
200	32	Grey Rubber	-	Ball	120/100	240	157	<b>S8293</b>

To order castor with Total Lock & Brake (B), or Directional Lock, (D) add B or D to the end of the Swivel Code e.g. S4293B indicates a brake castor.

# Medi-Twin Series

Capacity up to 110kg per castor



**Swivel  
S5318B**

- Modern design Medical Castor
- Non marking, with quiet and smooth operation
- Stylish looking polyamide hub with polyurethane tyre
- Precision ball bearings

## Specifications & Fittings



Diameter  
(mm)



Width  
(mm)



Wheel  
Type



Wheel  
Code



Bearing  
Type



Load Capacity



Height  
(mm)



Swivel Radius  
with brake



Swivel Code

Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity	Height (mm)	Swivel Radius with brake	Swivel Code
100	2 x 20	Polyurethane	-	Ball	100/80	121	78 103	<b>S4318</b>
125	2 x 20	Polyurethane	-	Ball	110/90	149	105 138	<b>S5318</b>

To order castor with Swivel Lock & Brake (B), add B to the end of the Swivel Code e.g. S4318B indicates a brake castor.

**THREAD SIZE S4318 = M12 x 15mm LONG**

**THREAD SIZE S5318 = M12 x 25mm LONG**

**NEW**

# ABS Central Locking Series

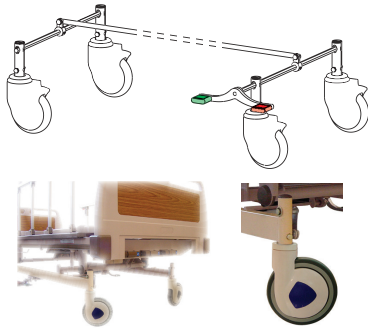
Capacity up to 120kg per castor

- Pressed steel yoke with precision ball bearing swivel head
- Stylish ABS Cover with Zinc Chromatized plating
- Quiet and smooth running with positive brake performance
- Suitable for patient beds requiring one point locking of castors

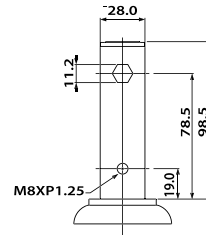
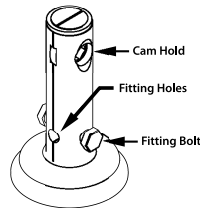


Swivel  
S8295

## CASTOR PLACEMENT



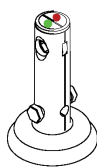
## STEM FITTING



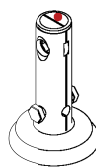
Stem fitting for 28mm internal tube diameter. 4 x M8 threaded fitting holes at 90° to each other for simple installation. Cam hold 90° to direction of travel

## COLOUR CODED IDENTIFICATION

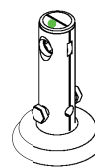
Colour identification is used to easily identify different combinations of the locking mechanism



**GREEN & RED**  
Total Lock/Free/Dir. Lock



**RED**  
Total Lock/Free



**GREEN**  
Dir. Lock/Free

## Specifications & Fittings

Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity (kg)	Height (mm)	Swivel Radius	Swivel Code
125	32	Grey Rubber	-	Ball	100/90	165	102	S5295
150	32	Grey Rubber	-	Ball	120/100	189	115	S6295
200	32	Grey Rubber	-	Ball	120/100	237	152	S8295

To order castor with Total Lock & Brake (B), or Directional Lock,(D) add B or D to the end of the Swivel Code e.g. S5295B indicates a brake castor.

# Plastic Centred Pneumatic Wheels

Capacity up to 200kg per wheel

**NEW**



PN1075

PN8865

- Quality plastic rim, light weight design
- Corrosion and rust resistant rim
- Suitable for applications in wet/damp environments including:  
Nursery Trolleys & Equipment, Hand Trucks  
Agricultural Equipment
- Economic alternative to steel rimmed pneumatics



DIAMOND TREAD



TURF TREAD












LUG TREAD



PN1610

## Specifications & Fittings

 Nom Wheel Diameter (mm)	 Tyre Width (mm)	 Boss Width (mm)	 Axle Diameter	 Bearing Type	 Tyre Size	 Tyre Tread Pattern	 Load Capacity	 Wheel Code
215	60	62	5/8 or 3/4"	Flange or Nylon Bush	250 x 4	Lug	100	PN8865
265	88	72	5/8 or 3/4"	Flange or Nylon Bush	410 x 350 x 4	Diamond	100	PN1075
420	150	106	1"	Flange or Nylon Bush	16 x 650 x 8	Turf	200	PN1610
400	22	89	1"	Flange or Nylon Bush	400 x 8	Diamond	200	PN1627

# Steel Centred Pneumatic Wheels

Capacity up to 300kg per wheel

- Steel, two and three piece 2.5mm thick rim
- Three piece rims are zinc plated and fitted with rubber sealed precision bearings providing longer life
- Two piece rims enamel plated and fitted with flange ball bearings
- Commonly used in garden, industrial & agricultural equipment and concrete mixers



## PNEUMATIC TYRE TREAD PATTERNS



KNOBBY TREAD



TURF TREAD



LUG TREAD



DIAMOND TREAD

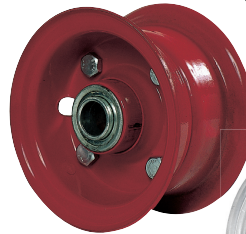


INDUSTRIAL TREAD



HIGHWAY TREAD

## TWO PIECE RIM












PN8860

## THREE PIECE RIM



## Specifications & Fittings

 Nom Wheel Diameter (mm)	 Tyre Width (mm)	 Boss Width (mm)	 Axle Diameter	 Bearing Type	 Tyre Size	 Tyre Tread Pattern	 Load Capacity	 Wheel Code
210	60	60	3/4"	Ball	250 x 4	Lug	100	PN8860 *
260	83	60	3/4"	Ball	4.10 x350 x 4	Highway	180	PN1066 *
320	83	60	1"	Flange Ball	4.10 x3.5 x 6	Highway	180	PN1271
320	120	60	1"	Flange Ball	13 x 5.00 x 6	Turf	200	PN1272
400	90	75	1"	Flange Ball	400 x 8	Industrial	200	PN1607
400	100	75	1"	Flange Ball	400 x 8	Knobby	200	PN1608
400	100	94	25mm	Ball	400 x 8	Highway	300	PN1616 *
400	100	100	25mm	Taper	400 x 8	Highway	300	PN1616TR *

Wheel codes marked with \* Indicates 3 piece rim. All other rims are 2 piece.

## Rubber Tyred Nylon Centred Wheels

Capacity up to 50kg per wheel



**RN6661**

- Plain Bore wheel
- Rust free wheel suitable for permanent outdoor settings
- Applications include outdoor furniture, barbeques and nursery trolleys

### Specifications & Fittings

 Diameter (mm)	 Tyre Width (mm)	 Boss Width (mm)	 Axle Diameter	 Bearing Type	 Load Capacity	 Wheel Code
150	37	37	1/2"	Plain	50/35	<b>RN6661</b>
200	42	37	1/2"	Plain	50/35	<b>RN8874</b>

## Semi Pneumatic Rubber Tyred Wheels








Capacity up to 70kg per wheel



**SP6663**

- Attractive steel centred wheel
- Shock absorbing and puncture proof
- Low rolling resistance and quiet operation
- Used in applications in which ease of movement is important - including portable equipment, steam cleaners, nursery trolleys, compressors and portable welders

### Specifications & Fittings

 Diameter (mm)	 Tyre Width (mm)	 Boss Width (mm)	 Axle Diameter	 Bearing Type	 Load Capacity	 Wheel Code
150	35	40	1/2"	Flange Ball	45/30	<b>SP6663</b>
200	42	51	1/2"	Flange Ball	70/45	<b>SP8885</b>

## Rubber Tyred Nylon Centred Bearing Wheels









Capacity up to 200kg per wheel

- Low cost alternative to rubber tyred cast iron wheels
- Hard wearing and high resistance to corrosives
- Lightweight with high load bearing capacity



RN8875

### Specifications & Fittings

 Diameter (mm)	 Tyre Width (mm)	 Boss Width (mm)	 Axle Diameter (mm)	 Bearing Type	 Load Capacity	 Tyre Colour	 Wheel Code
200	35	58	20mm	Roller	200/175	Black	RN8875
200	35	58	20mm	Roller	200/175	Grey	RN8876

## Rubber Tyred Cast Iron Centred Wheels









Capacity up to 250kg per wheel

- Cast Iron centred wheel for extra strength and ease of movement.
- Rubber tyre offers a cushioned ride
- Blue tyres non marking
- Quiet and shock absorbing
- Roller bearings fitted for ease of rolling



RT6642

### Specifications & Fittings

 Diameter (mm)	 Tyre Width (mm)	 Boss Width (mm)	 Axle Diameter	 Bearing Type	 Load Capacity	 Tyre Colour	 Wheel Code
100	50	60	1/2" or 3/4"	Roller	110/80	Black	RT4447
125	50	60	1/2" or 3/4"	Roller	180/130	Black	RT5547
150	50	60	1/2" or 3/4"	Roller	225/200	Blue	RT6642
150	50	60	1/2" or 3/4"	Roller	225/200	Black	RT6647
200	50	60	1/2" or 3/4"	Roller	250/225	Blue	RT8842
200	50	60	1/2" or 3/4"	Roller	250/225	Black	RT8847










# Institutional Rubber Wheels

Capacity up to 100kg per wheel



- Attractive grey wheels with non marking rubber tyres
- Complete with chrome centres (except those marked \*)
- Features sealed bearings and threadguards
- Used in schools, hospitals and light industrial applications

## Specifications & Fittings

 Diameter (mm)	 Tyre Width (mm)	 Boss Width (mm)	 Axle Diameter	 Bearing Type	 Load Capacity	 Wheel Code
75	30	41	5/16" or 3/8"	Ball	80/45	IR3008 *
100	32	41	5/16" or 3/8"	Ball	100/80	IR4007 *
100	32	41	5/16"	Ball	100/80	IR4008
125	32	41	5/16" or 3/8"	Ball	100/80	IR5007 *
125	32	41	5/16"	Ball	100/80	IR5008
150	32	41	5/16"	Ball	100/80	IR6008
150	32	39.6	5/16"	Ball	100/80	IR6009 *








# Anti Static Rubber Wheels

Capacity up to 100kg per wheel



- Provide anti static protection to loads
- Anti static wheels provide a surface resistivity of less than 10,000  $\Omega$  (OHM). The resistance can increase as a result of mechanical influence conform to AS 2050 1978
- We also produce a large range of anti static polyurethane wheels. For technical advice, please phone our staff

## Specifications & Fittings

 Diameter (mm)	 Tyre Width (mm)	 Boss Width (mm)	 Axle Diameter	 Bearing Type	 Load Capacity	 Wheel Code
100	32	41	5/16"	Ball	100/80	AS4005
125	32	41	5/16"	Ball	100/80	AS5005
100	32	41	5/16"	Ball	100/80	AS4006
125	32	41	5/16" or 3/8"	Ball	100/80	AS5006










# Rebound Rubber Tyred Wheels

Capacity up to 250kg per wheel

- Non marking, quiet and shock absorbing with low rolling resistance
- Good for moving lightly loaded equipment over uneven ground
- Protects load from shocks and rolls over small obstructions easily
- Ideal for waste bins, laundry trolleys, electrical equipment and other "handle with care" goods



## Specifications & Fittings

						
Diameter (mm)	Tyre Width (mm)	Boss Width (mm)	Axle Diameter	Bearing Type	Load Capacity	Wheel Code
75	25	39	1/2"	Plain	100/80	RR3346
75	30	40	5/16" or 3/8"	Ball	100/80	RR3348
100	30	40	5/16" or 3/8"	Ball	100/80	RR4473
100	35	48	5/16", 3/8" or 12mm	Ball	150/110	RR4077
125	30	40	5/16" or 3/8"	Ball	100/180	RR5573
125	35	48	5/16", 3/8" or 12mm	Ball	150/110	RR5077
150	45	60	20mm	Roller	225/200	RR6677
200	45	57	1/2", 5/8" or 3/4"	Ball	250/225	RR8871

# Elastic Rubber Tyred Wheels

Capacity up to 250kg per wheel

- Quiet in operation and resilient, manoeuvring well over small obstacles
- Shock absorbing, providing a cushioned ride for fragile loads
- Good resistance to wear and tear, but not recommended for applications where solvents are present

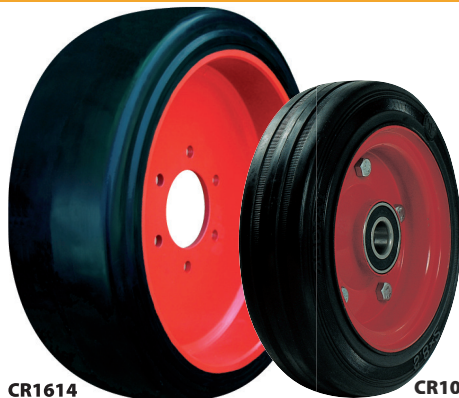


## Specifications & Fittings

						
Diameter (mm)	Tyre Width (mm)	Boss Width (mm)	Axle Diameter	Bearing Type	Load Capacity	Wheel Code
250	50	57	5/8, 3/4 or 20mm	Flange Ball	250/225	ER1003

## Cushion Rubber Wheels

Capacity up to 1050kg per wheel



- Cushion rubber wheels offer a soft ride while having the ability to withstand high impact
- Steel centre offers additional strength and load bearing capacity
- Quality elastic rubber compound tyres offer a softer, shock absorbing ride
- 6 stud pattern is standard, other patterns available

### Specifications & Fittings

Diameter (mm)	Tyre Width (mm)	Boss Width (mm)	Axle Diameter	Bearing Type	Load Capacity	Wheel Code
230	40	50	20/25	Ball	220/180	CR9000
250	50	55	20/25	Ball	300/250	CR1060
280	50	55.3	20/25	Ball	200/170	CR1110
400	125	Hubs Available	N/A	Hub	1050/810	CR1614

## Solid Pneumatic Wheels

Capacity up to 1050kg per wheel



- Known as "high speed" wheels, the solid pneumatic can be towed up to 30kph
- Designed for tarmac use
- Puncture proof tyre gives a similar ride to pneumatic wheels, with higher load capacities and fewer problems
- Tyres and hubs available separately

### Specifications & Fittings

Diameter (mm)	Tyre Width (mm)	Boss Width (mm)	Axle Diameter	Bearing Type	Load Capacity	Wheel Code
250	92	66	20mm	Ball	260/200	SN1005
300	92	66	20mm	Ball	540/400	SN1295
400	110	94	20mm	Ball	950/730	SN1612
400	123	Hubs Available	N/A	Ball	1050/810	SN1618

# Rebound Polyurethane Tyred Wheels








Capacity up to 300kg per wheel

- Thicker than normal tyre provides a smoother quieter ride than most polyurethane or nylon wheels
- The attractive sky blue tyre will remain cleaner than other types
- Combined with stainless steel bearings, these wheels are suitable for clean rooms and other applications where aesthetics and performance are crucial



RP8072

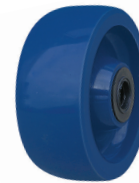
## Specifications & Fittings

 Diameter (mm)	 Tyre Width (mm)	 Boss Width (mm)	 Axle Diameter	 Bearing Type	 Load Capacity	 Wheel Code
100	33	45	12mm	SS Roller	140/110	RP4072
125	35	45	15mm	SS Roller	180/150	RP5072
150	40	56	20mm	SS Roller	300/250	RP6072
200	50	56	20mm	SS Roller	300/250	RP8072

# Solid Polyurethane Wheels







Capacity up to 350kg per wheel

- Solid polyurethane wheel 64, on the Shore D Scale
- Excellent wear resistance
- Quiet operation and low rolling resistance providing an effortless ride
- Hygienic appearance, suitable for food and medical industries



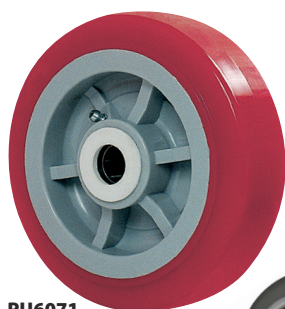
PS4479

## Specifications & Fittings

 Diameter (mm)	 Tyre Width (mm)	 Boss Width (mm)	 Axle Diameter	 Bearing Type	 Load Capacity	 Wheel Code
100	50	60	3/4	Roller	350/300	PS4479
125	50	60	3/4	Roller	350/300	PS5579

# Polyurethane Tyred Nylon Centred Wheels

Capacity up to 400kg per wheel










PU6071



PU4444

- Tyre manufactured from injection moulded polyurethane around a nylon hub
- Hard wearing, non marking wheel
- Long lasting with high load carrying capabilities

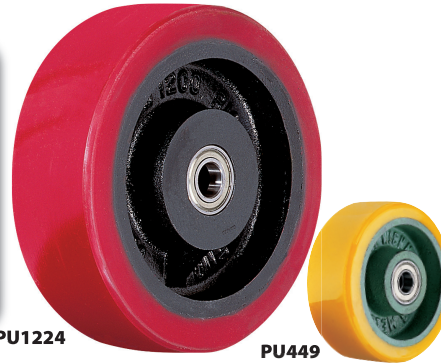
## Specifications & Fittings

 Diameter (mm)	 Tyre Width (mm)	 Boss Width (mm)	 Axle Diameter	 Bearing Type	 Load Capacity	 Wheel Code
60	25	31	5/16"	Plain	55/50	PU2001
75	25	31	5/16"	Plain	55/50	PU3347
75	30	41	5/16"	SS Ball	80/45	PU3345
75	30	41	5/16" or 3/8"	Ball	80/45	PU3344
100	25	31	5/16"	Ball	55/50	PU4421
100	22	40	5/16"	SS Ball	100/80	PU4439
100	27	40	5/16" or 3/8"	Ball	100/80	PU4444
100	35	45	3/4"	SS Roller	250/200	PU4070
100	35	45	1/2" or 3/4"	Roller	250/200	PU4408
100	50	60	1/2" or 3/4"	Roller	250/200	PU4409
125	27	40	5/16"	SS Ball	100/80	PU5539
125	27	40	5/16" or 3/8"	Ball	100/80	PU5555
125	35	45	3/4"	SS Roller	250/200	PU5070
125	35	45	1/2" or 3/4"	Roller	250/200	PU5508
125	50	60	1/2" or 3/4"	Roller	350/300	PU5509
150	30	41	5/16"	Ball	100/80	PU6660
150	50	60	1/2" or 3/4"	Roller	400/300	PU6071
200	50	60	1/2" or 3/4"	Roller	400/300	PU8071








# Polyurethane Tyred Cast Iron Centred Wheels & Drive Wheels

Capacity up to 5000kg per wheel

- Polyurethane hardness ranging from 60A to 75D on the Shore Scale
- Tyres and other polyurethane parts manufactured in house
- **DRIVE WHEELS**  
Drive wheels are manufactured with a tyre compound hardness ranging from 85A to 75D on the Shore Scale
- Drive wheels are stocked without keyways cut, Please enquire if you wish us to supply keyways



## Specifications & Fittings

						
Diameter (mm)	Tyre Width (mm)	Boss Width (mm)	Axle Diameter	Bearing Type	Load Capacity	Wheel Code
75	25	29	1/2"	Ball	240/180	PU350
100	50	60	1/2" or 3/4"	Roller	250/200	PU424
100	50	57	1/2", 3/4", 5/8" or 20mm	Ball	500/380	PU425
100	38	41	3/8" or 1/2"	Ball	330/250	PU449
125	50	60	1/2" or 3/4"	Roller	250/200	PU524
125	50	57	1/2", 3/4", 5/8" or 20mm	Ball	500/380	PU525
125	38	41	3/8" or 1/2"	Ball	330/250	PU549
150	50	60	1/2" or 3/4"	Roller	250/200	PU614
150	75	76	20 or 25mm	Ball	1100/900	PU615
150	50	57	1/2", 5/8" or 3/4"	Ball	600/450	PU649
150	50	60	20 or 25mm	Ball	900/700	PU659
200	50	57	1/2", 5/8", 3/4" or 20mm	Ball	600/450	PU849
200	50	60	20 or 25mm	Ball	1200/700	PU876
200	75	76	20 or 25mm	Ball	1300/750	PU896
200	75	90	20mm	Ball	1500/1200	PU824
200	75	90	20mm	Ball	2000/1700	PU823
200	75	96	40mm	Taper	5000/3750	PU892
250	50	60	20 or 25mm	Ball	1200/900	PU1056
250	75	76	20 or 25mm	Ball	1300/1000	PU1076
250	75	90	20mm	Ball	1500/1200	PU1030
250	75	90	20mm	Ball	2000/1700	PU1029
250	100	112	40mm	Taper	5000/3750	PU1049
300	100	102	50mm	Ball	4000/3000	PU1207
300	72	76	20 or 25mm	Ball	1800/1350	PU1217
300	50	60	20mm	Ball	1300/1000	PU1218
300	100	102	25 or 30mm	Ball	2500/2000	PU1224
300	100	112	40mm	Taper	5000/3750	PU1203
400	125	137	40mm	Taper	5000/3750	PU1606

### DRIVE WHEELS - UP TO 3500KG PER WHEEL

Diameter (mm)	Tyre Width (mm)	Boss Width (mm)	Axle Diameter	Bearing Type	Load Capacity	Wheel Code
150	50	60	25mm	Plain	500	PU659DV
200	50	60	25mm	Plain	700	PU876DV
200	75	76	25mm	Plain	900	PU896DV
250	75	76	25mm	Plain	1100	PU1076DV
300	100	102	50mm	Plain	2000	PU1207DV
400	125	127	50mm	Plain	2800	PU1606DV
450	150	152	50mm	Plain	3500	PU1800DV

We can manufacture up to 1000mm Diameter and up to 2000mm long.









# Polyurethane & Nylon Rollers

Capacity up to 800kg per wheel



- Standard nylon and polyurethane roller range
- Both types of roller offer good wear resistance
- Wheels & Rollers for replacement parts for pallet trucks and other equipment including many major brands
- Rollers also custom made for printing and press applications

## Specifications & Fittings

 Diameter (mm)	 Tyre Width (mm)	 Boss Width (mm)	 Wheel Type	 Axle Diameter	 Bearing Type	 Load Capacity	 Wheel Code
70	96	96	Polyurethane	20mm	Ball	800/700	PU333
70	96	96	Nylon	20mm	Ball	800/700	NY339
80	96	96	Polyurethane	20mm	Ball	800/700	PU324
80	96	96	Nylon	20mm	Ball	800/700	NY335
82	100	100	Polyurethane	20 or 25mm	Ball	500/375	PU326
82	82	82	Polyurethane	20 or 25mm	Ball	450/340	PU341
82	75	75	Polyurethane	20 or 25mm	Ball	450/340	PU325
82	65	65	Polyurethane	20 or 25mm	Ball	400/300	PU340
82	100	100	Nylon	20 or 25mm	Ball	800/700	NY417
82	82	82	Nylon	20 or 25mm	Ball	600/500	NY418
100	75	75	Polyurethane	20 or 25mm	Ball	600/450	PU410
180	50	56	Polyurethane	20mm	Ball	600/500	PU732
180	50	56	Nylon	20mm	Ball	600/500	NY734
200	50	48	Polyurethane	20 or 25mm	Ball	600/500	PU8074
200	50	48	Nylon	20 or 25mm	Ball	600/500	NY832
200	50	56	Polyurethane	20mm	Ball	600/500	PU820
200	50	56	Nylon	20mm	Ball	600/500	NY833

**CAN'T FIND WHAT YOU ARE LOOKING FOR? PLEASE ENQUIRE WITH OUR TECHNICAL SALES STAFF AS WE SUPPLY CUSTOM PRODUCT**

# High Temperature Wheels

Capacity up to 500kg per wheel

- Glass filled nylon and phenolic wheels are for use in bakery ovens, smoke houses, chillers or applications in which there is temperature fluctuation from -30c to +300c
- Phenolic wheel PH473, PH474 are fitted with self lubing Teflon bushes to avoid the risk of squeaking which is typical of the plain bearing type
- All the wheels can be fitted to a variety of our castor frames (see below). Please ask for more comprehensive advice



**Phenolic  
PH473**



**Glass Filled Nylon  
GF414**

Castors using High Temperature Wheels can be found in this catalogue conveniently marked with a Temperature Symbol

**Light Industrial castors are on page 6:**

R4403 and S4404 use the GF4420 wheel. R4415 and S4414 use the PH474 wheel.

**Zinc Durolite castors are on page 7:**

R4114 and S4113 use the PH472 wheel.

**Heavy Industrial castors are on page 14:**

R4455 and S4454 use the GF414 wheel. R4467 and S4466 use the PH474 wheel.









R4397 and S4396 use the PH473 wheel.

## Please Note

When we fit these wheels to our castors, we remove the castor headseal and lubricate with high temperature grease (Food grade lubricants available)

## Specifications & Fittings

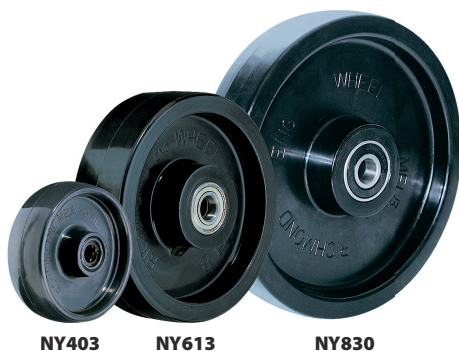
### HIGH TEMPERATURE WHEELS - UP TO 200KG PER WHEEL

							
Diameter (mm)	Tyre Width (mm)	Boss Width (mm)	Axle Diameter	Bearing Type	Load Capacity	Temp Range	Wheel Code
100	35	42	1/2"	Plain	200/150	-30° to 240°C	GF414
100	30	37	1/2"	Plain	200/150	-30° to 240°C	GF4420
100	35	41 (inc sleeve)	5/16" (inc sleeve)	Teflon	150/180	-30° to 280°C	PH472
100	35	46 (inc sleeve)	5/16" (inc sleeve)	Teflon	150/180	-30° to 280°C	PH473
100	35	40	1/2"	Plain	150/180	-30° to 300°C	PH474
150	45	57	3/4"	Plain	300/400	-30° to 240°C	GF652
200	43	60	3/4"	Plain	300/400	-30° to 240°C	GF800
250	50	60	30mm	Ball	400/500	-30° to 240°C	GF1023



# Polypropylene & Solid Nylon Wheels

Capacity up to 500kg per wheel



NY403








NY613

NY830

## SOLID NYLON WHEELS

- High quality virgin nylon, fully conditioned in an industrial sauna for maximum strength
- Easy to maintain, durable wheel
- Large range of wheels and mouldings available

## Specifications & Fittings

 Diameter (mm)	 Tyre Width (mm)	 Boss Width (mm)	 Axle Diameter	 Bearing Type	 Load Cap	 Wheel Code
50	21	24	5/16"	Plain	50/35	NY204 *
75	30	38	5/16" or 1/2"	Plain	125/100	NY3321 *
100	35	42	1/2"	Plain	300/200	NY401 #
100	30	37	5/16" or 1/2"	Plain	125/100	NY4417 *
100	35	42	3/8" or 1/2"	Ball	300/200	NY413
100	35	44	12mm	Roller	300/200	NY403
125	35	44	1/2" or 3/4"	Plain	350/250	NY501 #
125	30	37	5/16" or 1/2"	Plain	125/100	NY5517 *
125	35	44	3/8" or 1/2"	Ball	330/250	NY513
125	35	44	3/4"	Roller	330/250	NY503
150	48	58	3/4", 20mm or 7/8"	Plain	400/300	NY652 #
150	48	58	1/2", 5/8", 3/4" or 20mm	Ball	400/300	NY613
150	45	59	20mm	SS Roller	400/300	NY655 *
200	45	25	3/4", 20mm or 7/8"	Plain	400/300	NY800 #
200	45	58	1/2", 5/8", 3/4" or 20mm	Ball	400/300	NY830
200	50	59	20mm	SS Roller	500/400	NY802 *

\* Available in white only. # Available in black or white  
Quantities of 1000 or more available in your nominated colour.

# Cast Iron & SG Iron Wheels

Capacity up to 5000kg per wheel

- Both Cast Iron & SG Iron wheels provide high capacity with low rolling resistance
- Hard wearing, abrasive & heat resistant
- Suitable for high load bearing applications in which loads are left standing for extended periods eg: glass and timber trolleys
- Contact sales for suitability for floor surfaces



## Specifications & Fittings

SG1040

Ci421

### CAST IRON WHEELS - UP TO 1800KG PER WHEEL

Diameter (mm)	Tyre Width (mm)	Boss Width (mm)	Axle Diameter	Bearing Type	Load Capacity (kg)	Wheel Code
75	32	38	1/2"	Plain	150/100	Ci3340
100	38	45	1/2"	Plain	300/225	Ci421
100	50	60	1/2" or 5/8"	Ball	750/560	Ci464 •
100	38	41	1/2" or 3/8"	Ball	400/300	Ci400
125	38	45	1/2"	Plain	380/280	Ci532
125	45	60	5/8"	Ball	660/500	Ci520
150	50	62	1/2", 5/8" or 3/4"	Plain	600/450	Ci608
150	75	76	20 or 25 mm	Ball	1675/1250	Ci689
150	45	60	1/2", 5/8" & 20mm	Ball	1000/500	Ci601
150	50	57	3/4"	Roller	500/380	Ci6666
200	50	60	3/4"	Plain	600/450	Ci842
200	50	60	1/2", 5/8", 20 or 25mm	Ball	1800/750	Ci852

• denotes wheels manufactured from K1045 Steel

### SG IRON WHEELS - UP TO 5000KG PER WHEEL

Diameter (mm)	Tyre Width (mm)	Boss Width (mm)	Axle Diameter	Bearing Type	Load Capacity (kg)	Wheel Code
200	75	90	20mm	Ball	1500/1200	SG822
200	75	76	20 or 25mm	Ball	1800/1350	SG834
200	50	60	20 or 25mm	Ball	1800/1350	SG835
200	75	90	20mm	Ball	2000/1700	SG821
200	75	96	40mm	Taper	5000/3750	SG836 •
250	75	90	20mm	Ball	1500/1200	SG1027
250	75	76	20 or 25mm	Ball	1800/1350	SG1040
250	75	90	20mm	Ball	2000/1700	SG1028

• denotes wheels manufactured from K1045 Steel



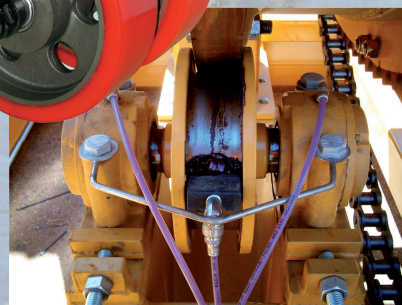
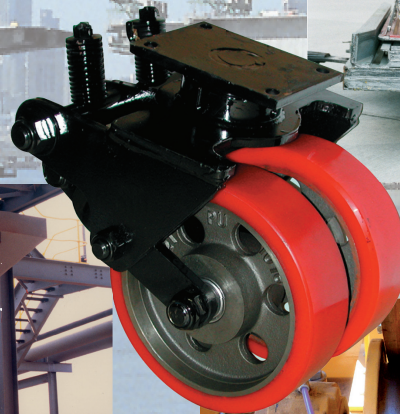
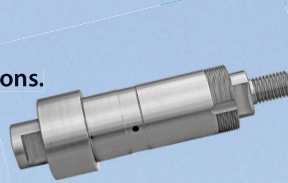
# Richmond Engineering

For almost 50 years Richmond has been providing industry with custom engineered and manufacturing solutions.

Richmond's designers and engineers, offer our clients the unique ability to have products designed and manufactured in house. Richmond understands that there will always be a need to custom manufacture products to fit exact specifications. Richmond's engineers provide a complete engineering service, from CAD design and testing through to product manufacture.

Our facilities include a modern NC machine shop, polyurethane plant, steam chamber, fabrication facility and more.

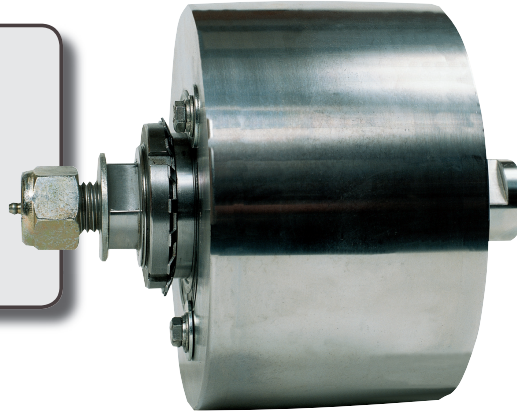
We have proven that Richmond can provide you with a product made exactly to your requirements.





# Concrete Agitator Rollers

- Full range of concrete agitator rollers for small to large concrete trucks
- Suitable for all trommel applications
- Full range of spare parts available for these rollers
- **Specials also made to order including nylon and aluminium rollers**











MAXIROLLER

## Specifications & Fittings

### MINI ROLLER









Used for 3 metre Mini Concrete Trucks

							
Roller Diameter (mm)	Rim Width (mm)	Dist B/W Flats (mm)	Flat Width (mm)	Flat Depth (mm)	Flat Diameter (mm)	Axle Length (mm)	Roller Code
152	75	105	10	5	26.5	139	MINIROLLER



### JTY ROLLER









Used for 4 to 6 metre Mini Concrete Trucks

							
Roller Diameter (mm)	Rim Width (mm)	Dist B/W Flats (mm)	Flat Width (mm)	Flat Depth (mm)	Flat Diameter (mm)	Axle Length (mm)	Roller Code
208	92	158.5	12.75	5.5	32.5	216	JTYROLLER



### MAXI ROLLER

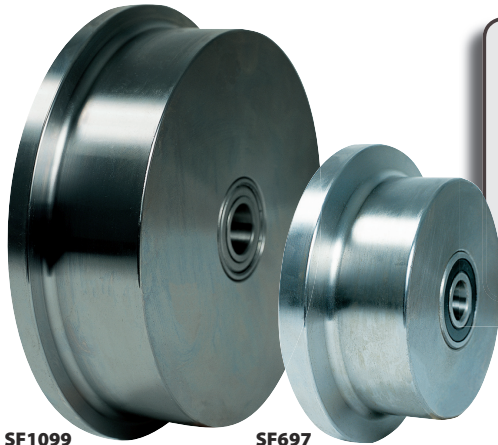
Used for 6 to 8 metre Large Concrete Trucks

							
Roller Diameter (mm)	Rim Width (mm)	Dist B/W Flats (mm)	Flat Width (mm)	Flat Depth (mm)	Flat Diameter (mm)	Axle Length (mm)	Roller Code
197	121	160	18	4.45	31.8	237	MAXIROLLER













# Track Wheels - Single Flange

Capacity up to 4000kg per wheel



- Single flange wheels are designed to run on Railway line
- Can be used on other sections such as RHS
- Made from cast iron and steel to suit your application with axle shafts available
- Track wheels can be flame hardened to increase wear resistance

## Specifications & Fittings

 Wheel Diameter (mm)	 Rim Width (mm)	 Flange Width (mm)	 Flange Diameter (mm)	 Boss Width (mm)	 Boss Diameter (mm)	 Axle Diameter	 Bearing Type	 Load Capacity	 Wheel Code
75	45	10	100	55	Solid	20 or 25mm	Ball	750	SF399
100	25	10	120	42	40	3/4"	Plain	375	SF499
100	50	20	130	70	Solid	20 or 25mm	Ball	1300	SF492
100	25	10	120	42	40	1/2"	Ball	375	SF499
150	40	9	175	53	62	3/4" or 25mm	Plain	1000	SF699
150	50	20	192	76	Solid	25mm	Ball	2000	SF697
150	40	9	175	53	62	5/8" or 20mm	Ball	1000	SF699
200	50	14	225	64	Solid	25 or 50mm	Plain	3000	SF899
200	39	16	228	55	101	35mm	Ball	1100	SF891
200	50	14	225	64	Solid	20 or 25mm	Ball	1500	SF899
250	50	15	290	65	Solid	25 or 50mm	Plain	1800	SF1099
250	52	12	285	75	125	45mm	Ball	2400	SF1098
250	50	15	290	65	Solid	25mm	Ball	1800	SF1099
300	52	14	360	95	150	50mm	Ball	4000	SF1299
350	57	17	420	83	105	30mm	Ball	3800	SF1499

CAN'T FIND WHAT YOU ARE LOOKING FOR? PLEASE ENQUIRE WITH OUR TECHNICAL SALES STAFF AS WE WILL MANUFACTURE TO SUIT YOUR REQUIREMENTS

# Track Wheels - Double Flange

Capacity up to 5000kg per wheel

- Double flange wheels are often used where accurate tracking is needed
- Manufactured with K1045 Steel
- Double flange wheels can be matched with a flat rim wheels to guide on one side of the track only
- Axle shafts are available upon request
- Can be flame hardened to increase wear resistance



## Specifications & Fittings

Wheel Diameter (mm)	Rim Width (mm)	Flange Width (mm)	Flange Diameter (mm)	Boss Width (mm)	Boss Diameter (mm)	Axle Diameter	Bearing Type	Load Capacity (kg)	Wheel Code
125	27	15	150	60	70	20 or 25mm	Ball	1300	DF698
150	52	10.5	178	74	Solid	30mm	Ball	1800	DF795
175	52	12	200	76	Solid	30mm	Ball	2800	DF895
225	52	14	250	80	Solid	30 or 50mm	Ball	4000	DF1095
250	62	19	300	100	Solid	50mm	Ball	5000	DF1295

# Track Wheels - Beam Trolley

Capacity up to 500kg per wheel

- This range of beam trolley wheels has been designed to fit standard channel and beam sections
- All beam trolley wheels in the range are CNC machined in house from the highest quality K1045 Steel
- Strong and reliable track wheels



## Specifications & Fittings

Wheel Diameter (mm)	Rim Width (mm)	Flange Width (mm)	Flange Diameter (mm)	Axle Length (mm)	Shoulder Length (mm)	Axle Diameter	Bearing Type	Load Capacity (kg)	Wheel Code
48	14	5	61	17	2	1/2" UNF	Ball	65	BT481
58	27	12	79	25	3	16mm (M16)	Ball	200	BT581
80	27	12	100	30	3	20mm (M20)	Ball	250	BT80
100	32	8	134	35	3	24mm (M24)	Ball	500	BT493

# Track Wheels - V Groove, C Groove & Rope Groove

Capacity up to 5000kg per wheel



- For running track wheels on bars, pipes, angle iron or rope
- CNC Machined from Cast Iron, K1045 Steel or SG Iron
- Capacities can be increased with changes to bearing and shaft configurations
- Custom Design to your specifications available

## Specifications & Fittings

### V GROOVE WHEEL

Wheel Diameter (mm)	Rim Width (mm)	Boss Width (mm)	Groove Width (mm)	Groove Depth (mm)	Axle Diameter	Bearing Type	Load Capacity	Wheel Code
75	32	38	22	10.8	1/2"	Plain	65	VG360+
100	36	41	22	10.8	3/4"	Plain	280	VG459+
100	36	41	22	10.8	3/8" or 1/2"	Ball	280	VG459+
100	50	60	22	12.0	1/2" or 3/4"	Roller	300/250	VG461+
150	38	60	22	10.8	5/8" or 20mm	Ball	650	VG609+
150	50	60	22	12.0	1/2" or 3/4"	Roller	450/400	VG661+
200	52	60	30	14.7	20 or 25mm	Ball	1300	VG839~
200	75	96	30	14.7	40mm	Taper	5000	VG836•
250	52	60	30	14.7	25 or 30mm	Ball	1800	VG1059•

Denotes wheels manufactured from: • K1045 Steel, + Cast Iron, ~ SG Iron

### C-GROOVE WHEEL

Wheel Diameter (mm)	Rim Width (mm)	Boss Width (mm)	Suit Bar (mm)	Axle Diameter	Bearing Type	Load Capacity	Wheel Code
100	36	41	16 or 20mm	3/8" or 1/2"	Ball	280	CG459

Manufactured from cast iron. Other sizes and shapes available for quantity orders

### ROPE GROOVE WHEEL

Wheel Diameter (mm)	Rim Width (mm)	Boss Width (mm)	Suit Rope Diameter (mm)	Axle Diameter	Bearing Type	Load Capacity	Wheel Code
100	25	27	8mm	1/2", 5/8" or 20mm	Ball	500	RG458
150	32	34	12mm	20mm or 25mm	Ball	1500	RG658

Manufactured from CNC Machined K1045 Steel.



# Polyurethane Custom Mouldings

- Processing capabilities for Polyethers, Polyesters, Polycaprolactones, TDI & MDI materials
- Hardness range 60A - 75D
- Mould design and manufacture
- Attractive high quality finish on any size or shape



The latest addition to Richmond's CNC machine department is another 4 axis machining centre for mould and die making.

Richmond's core capabilities extend well beyond wheels and castors and since 1981, we have been producing high quality Polyurethane products for a broad range of applications, products and industries.

Richmond's highly trained and skilled personnel always provide innovative solutions to all your requirements.

Richmond's design capability (ISO 9001) can match the Hardness, Wear Resistance, Load Bearing and Speed characteristics for all your Polyurethane needs.

Richmond utilises a wide range of polyurethane systems in order to satisfy your requirements.

Richmond moulds with TDI, MDI, PPDI in polyester, polyether and polycaprolactone.

Richmond has the formulations to provide economic and successful solutions from the simple to the high end and most demanding.



**CUSTOM MADE  
PRODUCTS**

# Pipe Rollers



From the installation of underground cabling, to the laying of agricultural , gas or mining pipelines, pipe rollers make the job simpler by compensating for expansion and contraction

Predominantly made in steel, polyurethane or nylon, pipe rollers can be manufactured from a variety of other materials to suit specific pipe sizes, capacities or environmental conditions

Our engineers can consult with you on design, or alternatively work from your own CAD drawings.  
*WE ALSO MANUFACTURE HOUSING & FRAMES*

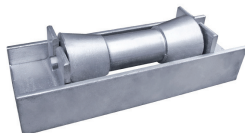
## Specifications & Fittings

### STANDARD POLYURETHANE PIPE ROLLER SPECIFICATIONS



STEEL PIPE ROLLERS

POLYURETHANE PIPE ROLLERS



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