



The Most Trusted Castors IN THE WORLD

THE GLOBAL LEADER

IN CASTORS AND WHEELS



THE GLOBAL LEADER IN CASTORS AND WHEELS

- The global leader in castors and most complete product offering in the world
- One-stop shopping for any application and budget
- The most experienced engineering, sales, manufacturing, and quality teams
- Local service worldwide, ready for any business needs

MANUFACTURING



With advanced manufacturing and distribution facilities located around the world, we continuously invest in our proprietary castor product series to provide customers with the highest quality products and services.

ENGINEERING



Utilising the latest technologies, Colson Group design and engineering teams ensure every detail in product performance, materials, and aesthetics are delivered to meet and exceed industry and customer expectations.

SERVICE



Delivering truly one-stop shopping, our experienced inside and outside support teams help customers identify the right castor from our leading product portfolio to ensure your expectations and business requirements are met on every order.

QUALITY



As an active ICWM member, we help define industry testing standards (ISO9001:2015 ANSI ICWM: 2012, EN12532). Leading test labs and global quality systems confirm our castors meet stringent quality standards, allowing up to a 3-year standard warranty on select series.



ACCREDITATION AND AFFILIATES



National Sanitation Foundation for Food Service



Consult factory for accreditation and affiliated organization requirements on a part-specific basis.

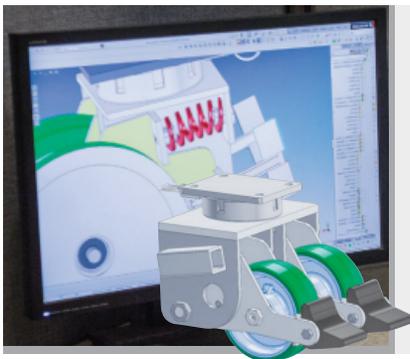
CUSTOMIZED SOLUTION

With more than 350,000 standard castor models available, Colson is almost certain to have the ideal solution for your application. If your requirements are unique, our experienced sales and engineering teams can work with you to design a customised, practical solution tailored to your needs.



IDENTIFY YOUR NEEDS

- Capture your vision
- Identify all requirements
- Evaluate safety and ergonomics



DESIGN IT.

- Leverage proven knowledge base
- Create solid 3D model design
- Finite element analysis(FEA)
- 3D printing
- Rapid prototyping



TEST IT.

- ANSI/ICWM Standards
- Durability & Impact
- Ergonomic Push/Pull
- Brake & Accessory fatigue
- Customer specified testing



BUILD & DELIVER IT.

- China Manufacturing
- Precision manufacturing
- CNC: Laser, bender, machining
- Skilled manual welding
- Experienced finishing & assembly

Download



3D CAD Models!



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- **Quickly configure** models
- Download **native CAD formats**
- Download **datasheets**
- **Easily share** with your team



Systematic Diversity in Every Castor

Our products each offer unique features and advantages. Whether you're looking for outstanding design, specialised applications, or impressive load-bearing performance, our selection can meet your requirements and be tailored to fit various models.

From precise dimensions and technical details to the right configuration, our product families provide the optimal solution for any application.

i6 Series (Veloris)



Page
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⌀ 80-200mm
📦 80-400kg

i3 Series (Elite)



Page
12

⌀ 80-125mm
📦 130-250kg

J3 Series



Page
14

⌀ 100-200mm
📦 200-455kg

J3 Series Stainless Steel



Page
16

⌀ 150mm
📦 270-410kg

J4 Series



Page
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⌀ 150-200mm
📦 560-600kg

J5 Series



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19

⌀ 150-250mm
📦 900-1000kg

X1 Series



Page
20

⌀ 200-300mm
📦 1800-2450kg

G4 Series (Rhombus 367)



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⌀ 80-200mm
📦 80-120kg

G4 Series (Rhombus 394) Stainless Steel



Page
23

⌀ 80-200mm
📦 80-120kg

P4 Series (Avant)



Page
25

⌀ 100-125mm
📦 100kg

M1 Series (Rhombus 398)



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26

⌀ 125-150mm
📦 120-150kg

M6 Series (CPT)



Page
27

⌀ 75-125mm
📦 80-100kg

BM Series (Business Machine)



Page
29

⌀ 50-75mm
📦 200-540kg

AC Series (Air Cargo)



Page
29

⌀ 58-70mm
📦 250kg

SC Series (Shopping Cart)



Page
30

⌀ 125mm
📦 80-100kg

PN Series (Pneumatic)



Page
31

⌀ 200-250mm
📦 140-210kg

FL Series (Floor Lock)



Page
33

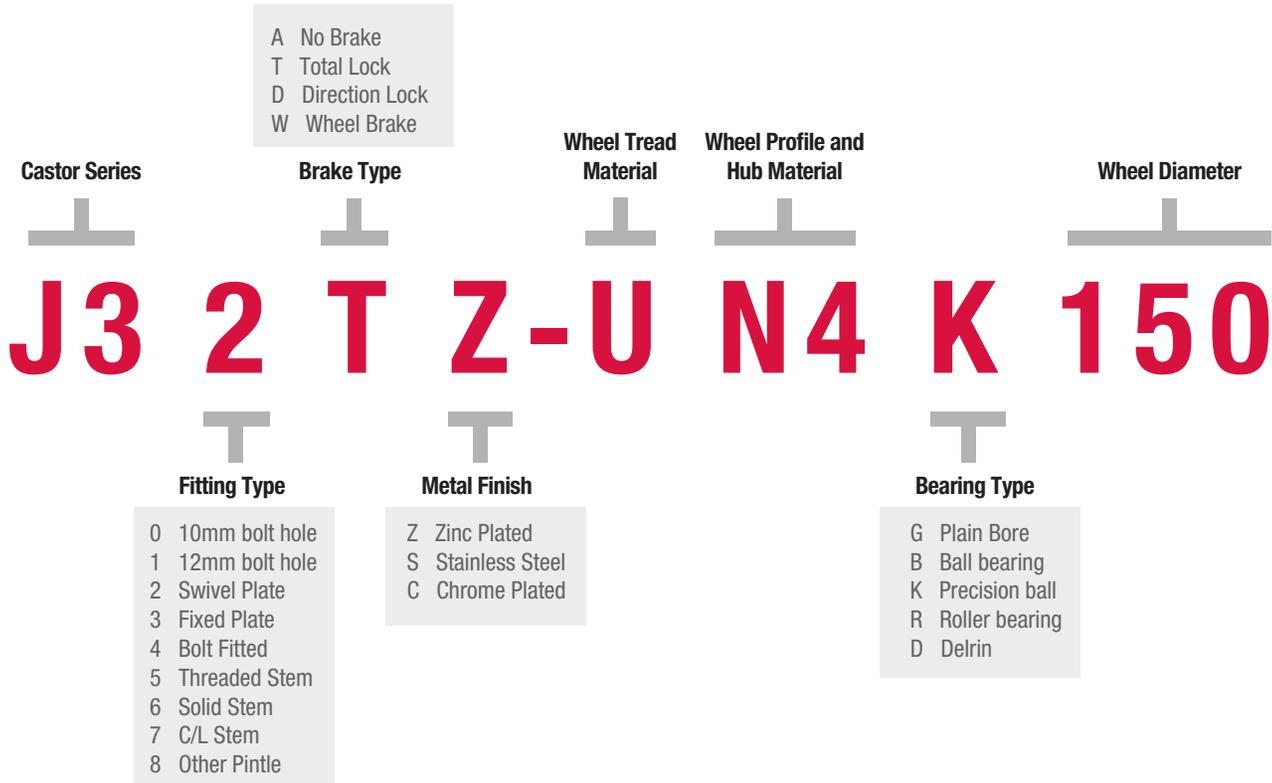
Expander



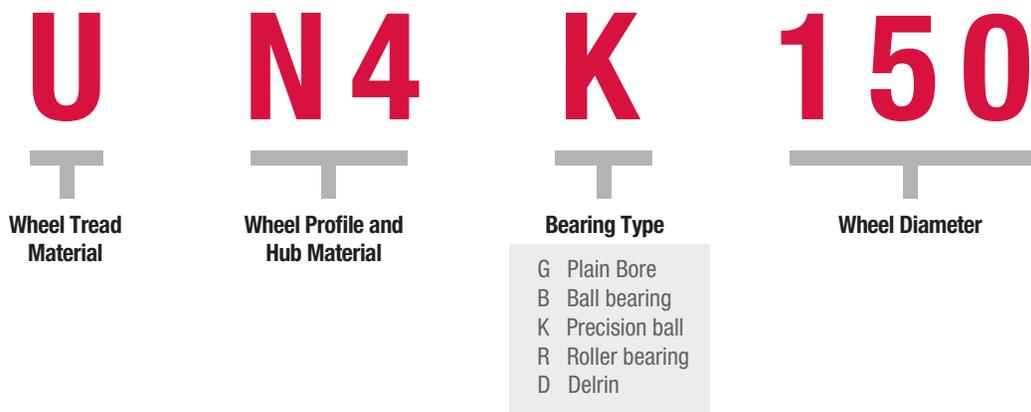
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Understanding Our Model Numbers

Castor Model Number



Wheel Model Number



How to Select





Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

i6 Series (Veloris)

Swivel & Fixed

WHERE ECONOMY MEETS QUALITY

Plate Castor

Capacity up to **180 kg each**



Standard Features

- Durable and cost-effective.
- Double ball swivel raceways for better performance and greater strength.
- Reliable integrated braking system.
- Zinc plated finish.
- Twin thread guards provide outstanding safety and reliability.
- Applications include moving dollies, medium duty material handling carts, stock carts and more.

Brake Options



Total Lock

Easy to operate and durable braking system.

Wheel Selection



Hi-Tech Performa TPR with Single Ball Bearing



Hi-Tech Polyurethane with Single Ball Bearing

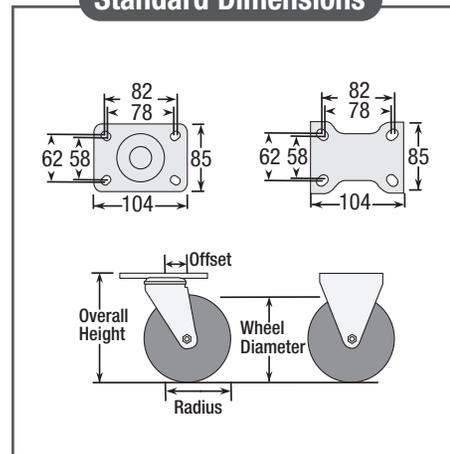


White Nylon with Single Ball Bearing



Blue Elastic Rubber with Single Ball Bearing

Standard Dimensions



TECHNICAL DATA



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Fixed Code	Swivel Code	Brake Code	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)
80	32	80	Hi-Tech Performa TPR	I63AZ-PL1K080	I62AZ-PL1K080	I62TZ-PL1K080	105	34	74/123
	35	150	Hi-Tech Polyurethane	I63AZ-UL2K080	I62AZ-UL2K080	I62TZ-UL2K080	105	34	74/123
	35	150	White Nylon	I63AZ-NL3K080	I62AZ-NL3K080	I62TZ-NL3K080	105	34	74/123
	32	90	Blue Elastic Rubber	I63AZ-EL1K080	I62AZ-EL1K080	I62TZ-EL1K080	105	34	74/123
100	32	120	Hi-Tech Performa TPR	I63AZ-PL1K100	I62AZ-PL1K100	I62TZ-PL1K100	128	34	84/124
	35	150	Hi-Tech Polyurethane	I63AZ-UL2K100	I62AZ-UL2K100	I62TZ-UL2K100	128	34	84/124
	35	150	White Nylon	I63AZ-NL3K100	I62AZ-NL3K100	I62TZ-NL3K100	128	34	84/124
	32	140	Blue Elastic Rubber	I63AZ-EL1K100	I62AZ-EL1K100	I62TZ-EL1K100	128	34	84/124
125	40	180	Hi-Tech Performa TPR	I63AZ-PL1K125	I62AZ-PL1K125	I62TZ-PL1K125	156	38	101/140
	35	180	Hi-Tech Polyurethane	I63AZ-UL2K125	I62AZ-UL2K125	I62TZ-UL2K125	156	38	101/140
	35	180	White Nylon	I63AZ-NL3K125	I62AZ-NL3K125	I62TZ-NL3K125	156	38	101/140
	40	180	Blue Elastic Rubber	I63AZ-EL1K125	I62AZ-EL1K125	I62TZ-EL1K125	156	38	101/140

COLSON® Light Duty



Consent factory for RoHS, NSF, REACH requirements on a part specific basis.

i6 Series (Veloris)

WHERE ECONOMY MEETS QUALITY

Bolt Hole Castor Capacity up to 180 kg each

Standard Features

- Durable and cost-effective.
- Double ball swivel raceways for better performance and greater strength.
- Reliable integrated braking system.
- Zinc plated finish.
- Twin thread guards provide outstanding safety and reliability.
- Applications include moving dollies, medium duty material handling carts, stock carts and more.



Light Duty

Brake Options



Total Lock

Easy to operate and durable braking system.

Wheel Selection



Hi-Tech Performa TPR with Single Ball Bearing



Hi-Tech Polyurethane with Single Ball Bearing

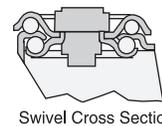
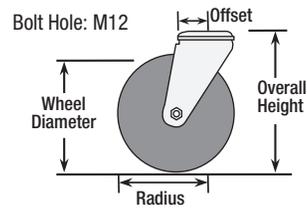


White Nylon with Single Ball Bearing



Blue Elastic Rubber with Single Ball Bearing

Standard Dimensions



TECHNICAL DATA

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Swivel Code	Brake Code	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)	Bolt Hole Size
80	32	80	Hi-Tech Performa TPR	I61AZ-PL1K080	I61TZ-PL1K080	105	34	74/123	M12
	35	150	Hi-Tech Polyurethane	I61AZ-UL2K080	I61TZ-UL2K080	105	34	74/123	M12
	35	150	White Nylon	I61AZ-NL3K080	I61TZ-NL3K080	105	34	74/123	M12
	32	90	Blue Elastic Rubber	I61AZ-EL1K080	I61TZ-EL1K080	105	34	74/123	M12
100	32	120	Hi-Tech Performa TPR	I61AZ-PL1K100	I61TZ-PL1K100	128	34	84/124	M12
	35	150	Hi-Tech Polyurethane	I61AZ-UL2K100	I61TZ-UL2K100	128	34	84/124	M12
	35	150	White Nylon	I61AZ-NL3K100	I61TZ-NL3K100	128	34	84/124	M12
	32	140	Blue Elastic Rubber	I61AZ-EL1K100	I61TZ-EL1K100	128	34	84/124	M12
125	40	180	Hi-Tech Performa TPR	I61AZ-PL1K125	I61TZ-PL1K125	156	38	101/140	M12
	35	180	Hi-Tech Polyurethane	I61AZ-UL2K125	I61TZ-UL2K125	156	38	101/140	M12
	35	180	White Nylon	I61AZ-NL3K125	I61TZ-NL3K125	156	38	101/140	M12
	40	180	Blue Elastic Rubber	I61AZ-EL1K125	I61TZ-EL1K125	156	38	101/140	M12





Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

i6 Series (Veloris)

Swivel & Fixed

WHERE ECONOMY MEETS QUALITY

Plate Castor

Capacity up to **400 kg each**



Standard Features

- Durable and cost-effective.
- Double ball swivel raceways for better performance and greater strength.
- Reliable integrated braking system.
- Zinc plated finish.
- Twin thread guards (except nylon) provide outstanding safety and reliability.
- Applications include moving dollies, medium duty material handling carts stock carts and more.

Brake Options



Total Lock
Easy to operate and durable braking system.

Wheel Selection



Hi-Tech Performa TPR with Double Ball Bearing



Hi-Tech Polyurethane with Double Ball Bearing

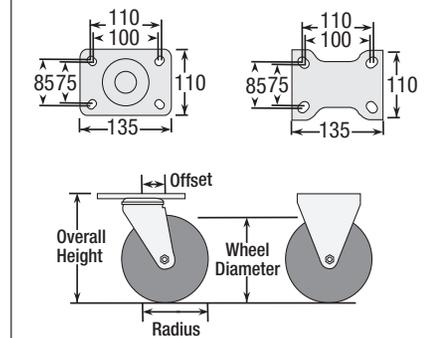


White Nylon with Roller Bearing



Polyurethane on Aluminium with Double Ball Bearing

Standard Dimensions



TECHNICAL DATA



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Fixed Code	Swivel Code	Brake Code	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)
160	50	225	Hi-Tech Performa TPR	I63AZ-PL4T160	I62AZ-PL4T160	I62TZ-PL4T160	195	53	133/167
	50	300	Hi-Tech Polyurethane	I63AZ-UL5T160	I62AZ-UL5T160	I62TZ-UL5T160	195	53	133/167
	48	400	White Nylon	I63AZ-NL6R160	I62AZ-NL6R160	I62TZ-NL6R160	195	53	133/167
	50	400	Polyurethane on Aluminium	I63AZ-CR3T160	I62AZ-CR3T160	I62TZ-CR3T160	195	53	133/167
200	50	280	Hi-Tech Performa TPR	I63AZ-PL4T200	I62AZ-PL4T200	I62TZ-PL4T200	235	53	153/167
	50	350	Hi-Tech Polyurethane	I63AZ-UL5T200	I62AZ-UL5T200	I62TZ-UL5T200	235	53	153/167
	50	400	White Nylon	I63AZ-NL6R200	I62AZ-NL6R200	I62TZ-NL6R200	235	53	153/167
	50	400	Polyurethane on Aluminium	I63AZ-CR3T200	I62AZ-CR3T200	I62TZ-CR3T200	235	53	153/167

Medium Duty





Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

i6 Series (Veloris)

WHERE ECONOMY MEETS QUALITY

Bolt Hole Castor Capacity up to 400 kg each

Standard Features

- Durable and cost-effective.
- Double ball swivel raceways for better performance and greater strength.
- Reliable integrated braking system.
- Zinc plated finish.
- Twin thread guards (except nylon) provide outstanding safety and reliability.
- Applications include moving dollies, medium duty material handling carts stock carts and more.



Medium Duty

Brake Options



Total Lock
Easy to operate and durable braking system.

Wheel Selection



Hi-Tech Performa TPR with Double Ball Bearing



Hi-Tech Polyurethane with Double Ball Bearing

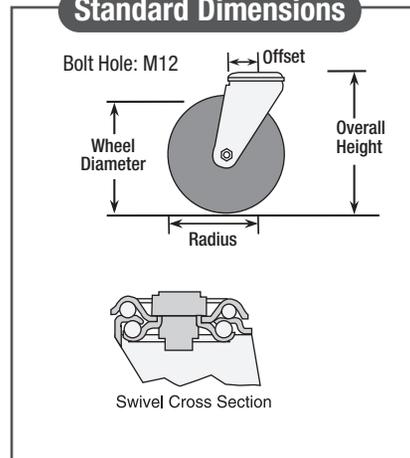


White Nylon with Roller Bearing



Polyurethane on Aluminium with Double Ball Bearing

Standard Dimensions



TECHNICAL DATA



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Swivel Code	Brake Code	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)	Bolt Hole Size
160	50	225	Hi-Tech Performa TPR	I61AZ-PL4T160	I61TZ-PL4T160	195	53	133/167	M12
	50	300	Hi-Tech Polyurethane	I61AZ-UL5T160	I61TZ-UL5T160	195	53	133/167	M12
	48	400	White Nylon	I61AZ-NL6R160	I61TZ-NL6R160	195	53	133/167	M12
	50	400	Polyurethane on Aluminium	I61AZ-CR3T160	I61TZ-CR3T160	195	53	133/167	M12
200	50	280	Hi-Tech Performa TPR	I61AZ-PL4T200	I61TZ-PL4T200	235	53	153/167	M12
	50	350	Hi-Tech Polyurethane	I61AZ-UL5T200	I61TZ-UL5T200	235	53	153/167	M12
	50	400	White Nylon	I61AZ-NL6R200	I61TZ-NL6R200	235	53	153/167	M12
	50	400	Polyurethane on Aluminium	I61AZ-CR3T200	I61TZ-CR3T200	235	53	153/167	M12



Hi-Tech Performa TPR Wheels (Grey)

www.colsongroupAPAC.com



Hardness:
65(±5) Durometer Shore A scale.

Capacity up to 180 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
80	32	80	42	8	Single Ball Bearing	PL1K080
100	32	120	45	8	Single Ball Bearing	PL1K100
125	40	180	48	8	Single Ball Bearing	PL1K125



Hardness:
65(±5) Durometer Shore A scale.

Capacity up to 280 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
160	50	225	61	13	Double Ball Bearing	PL4T160
200	50	280	61	13	Double Ball Bearing	PL4T200

Hi-Tech Polyurethane Wheels



Hardness:
95(±5) Durometer Shore A scale.

Capacity up to 250 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
80	35	150	42	8	Single Ball Bearing	UL2K080
100	35	230	45	8	Single Ball Bearing	UL2K100
125	35	250	48	8	Single Ball Bearing	UL2K125



Hardness:
95(±5) Durometer Shore A scale.

Capacity up to 350 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
160	50	300	61	13	Double Ball Bearing	UL5T160
200	50	350	61	13	Double Ball Bearing	UL5T200

Blue Elastic Rubber Wheels



Hardness:
75(±5) Durometer Shore A scale.

Capacity up to 180 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
80	32	90	42	8	Single Ball Bearing	EL1K080
100	32	140	45	8	Single Ball Bearing	EL1K100
125	40	180	48	8	Single Ball Bearing	EL1K125

Wheel Selection

COLSON®

Nylon Wheels



Capacity up to 250 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
80	35	150	42	8	Single Ball Bearing	NL3K080
100	35	230	45	8	Single Ball Bearing	NL3K100
125	35	250	48	8	Single Ball Bearing	NL3K125

Capacity up to 400 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
160	48	400	61	13	Roller Bearing	NL6R160
200	50	400	61	13	Roller Bearing	NL6R200

Polyurethane on Aluminium Wheels



Hardness:
95(±5) Durometer Shore A scale.

Capacity up to 700 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
160	50	550	61	13	Double Ball Bearing	CR3T160
200	50	700	61	13	Double Ball Bearing	CR3T200

Wheel Selection

COLISON®

Hi-Tech Performa TPR



Hi-Tech Performa TPR



Hi-Tech Polyurethane



Hi-Tech Polyurethane



Rubber



Nylon



Nylon



Polyurethane on Aluminium





Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

i3 Series (Elite)

Swivel & Fixed

WHERE STRENGTH MEETS VALUE

Plate Castor

Capacity up to **250 kg each**



Medium Duty

COLSON®

Standard Features

- Durable and cost-effective.
- Double ball swivel raceways for better performance and greater strength.
- Reliable integrated braking system.
- Zinc plated finish.
- Twin thread guards (except nylon) provide outstanding safety and reliability.
- Applications include moving dollies, medium duty material handling carts and more.

Brake Options



Total Lock
Easy to operate and durable braking system.

Wheel Selection



Green Rubber with Single Ball Bearing



White Nylon with Single Ball Bearing

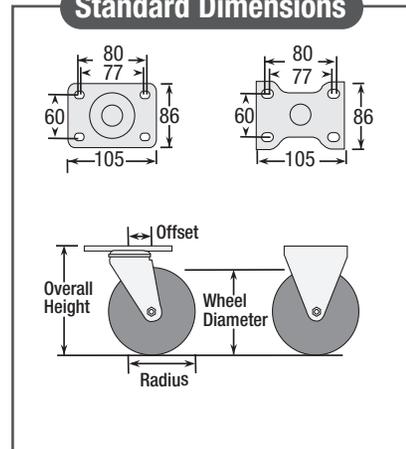


Hi-Tech Polyurethane with Single Ball Bearing



Sandwich with Single Ball Bearing

Standard Dimensions



TECHNICAL DATA



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Fixed Code	Swivel Code	Brake Code	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)
80	32	130	Green Rubber	I33AZ-KL7K080	I32AZ-KL7K080	I32TZ-KL7K080	105	34	74/123
	35	150	White Nylon	I33AZ-NL9K080	I32AZ-NL9K080	I32TZ-NL9K080	105	34	74/123
	35	150	Hi-Tech Polyurethane	I33AZ-UL8K080	I32AZ-UL8K080	I32TZ-UL8K080	105	34	74/123
100	32	170	Green Rubber	I33AZ-KL7K100	I32AZ-KL7K100	I32TZ-KL7K100	128	34	78/133
	35	230	White Nylon	I33AZ-NL9K100	I32AZ-NL9K100	I32TZ-NL9K100	128	34	78/133
	35	230	Hi-Tech Polyurethane	I33AZ-UL8K100	I32AZ-UL8K100	I32TZ-UL8K100	128	34	78/133
125	35	200	Sandwich	I33AZ-LY1K100	I32AZ-LY1K100	I32TZ-LY1K100	128	34	78/133
	40	200	Green Rubber	I33AZ-KL7K125	I32AZ-KL7K125	I32TZ-KL7K125	156	38	90/133
	35	250	White Nylon	I33AZ-NL9K125	I32AZ-NL9K125	I32TZ-NL9K125	156	38	90/133
	35	250	Hi-Tech Polyurethane	I33AZ-UL8K125	I32AZ-UL8K125	I32TZ-UL8K125	156	38	90/133
	35	250	Sandwich	I33AZ-LY1K125	I32AZ-LY1K125	I32TZ-LY1K125	156	38	90/133

Green Rubber Wheels



Hardness:
70(±5) Durometer Shore A scale.

Capacity up to 200 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
80	32	130	42	8	Single Ball Bearing	KL7K080
100	32	170	51	10	Single Ball Bearing	KL7K100
125	40	200	51	10	Single Ball Bearing	KL7K125

White Nylon Wheels



Capacity up to 250 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
80	35	150	42	8	Single Ball Bearing	NL9K080
100	35	230	51	10	Single Ball Bearing	NL9K100
125	35	250	51	10	Single Ball Bearing	NL9K125

Hi-Tech Polyurethane Wheels



Hardness:
95(±5) Durometer Shore A scale.

Capacity up to 250 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
80	35	150	42	8	Single Ball Bearing	UL8K080
100	35	230	51	10	Single Ball Bearing	UL8K100
125	35	250	51	10	Single Ball Bearing	UL8K125

Sandwich Wheels



Capacity up to 250 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
100	35	200	51	10	Single Ball Bearing	LY1K100
125	35	250	51	10	Single Ball Bearing	LY1K125

Wheel Selection

Colson®



Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

J3 Series

Swivel & Fixed

Plate Castor

Capacity up to **455 kg each**



Standard Features

- Durable and cost-effective.
- Double ball swivel raceways for better performance and greater strength.
- Reliable integrated braking system.
- Zinc plated finish.
- Twin thread guards provide outstanding safety and reliability.
- Applications include moving dollies, medium duty material handling carts, stock carts and more.

Brake Options



Total Lock

The ON/OFF pedal design makes foot access easy for convenient operation.

Available on 4", 5", 6" and 8" swivel models.

Wheel Selection



Cast Iron with Roller Bearing



Hi-Tech Performa TPR with Double Ball Bearing



Hi-Tech Polyurethane with Double Ball Bearing

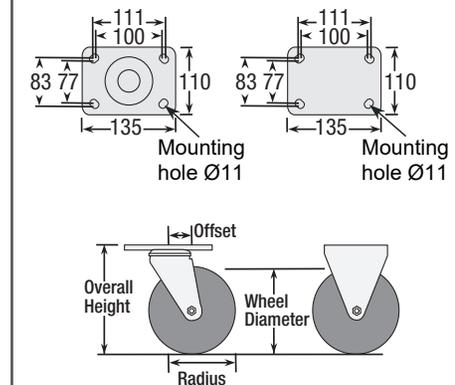


Black Nylon with Roller Bearing



Polyurethane on Cast Iron with Double Ball Bearing

Standard Dimensions



TECHNICAL DATA

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Fixed Code	Swivel Code	Brake Code	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)
100	51	320	Cast Iron	J33AZ-IR2R100	J32AZ-IR2R100	J32TZ-IR2R100	141	36	87/142
	50	200	Hi-Tech Performa TPR	J33AZ-PR4T100-C01	J32AZ-PR4T100-C01	J32TZ-PR4T100-C01	141	36	87/142
	50	280	Hi-Tech Polyurethane	J33AZ-UR4T100	J32AZ-UR4T100	J32TZ-UR4T100	141	36	87/142
	50	320	Black Nylon	J33AZ-MR6R100	J32AZ-MR6R100	J32TZ-MR6R100	141	36	87/142
125	50	320	Polyurethane on Cast Iron	J33AZ-XR5T100	J32AZ-XR5T100	J32TZ-XR5T100	141	36	87/142
	51	410	Cast Iron	J33AZ-IR2R125	J32AZ-IR2R125	J32TZ-IR2R125	164	41	105/142
	50	240	Hi-Tech Performa TPR	J33AZ-PR4T125-C01	J32AZ-PR4T125-C01	J32TZ-PR4T125-C01	164	41	105/142
	50	340	Hi-Tech Polyurethane	J33AZ-UR4T125	J32AZ-UR4T125	J32TZ-UR4T125	164	41	105/142
150	50	410	Black Nylon	J33AZ-MR6R125	J32AZ-MR6R125	J32TZ-MR6R125	164	41	105/142
	50	410	Polyurethane on Cast Iron	J33AZ-XR5T125	J32AZ-XR5T125	J32TZ-XR5T125	164	41	105/142
	51	410	Cast Iron	J33AZ-IR2R150	J32AZ-IR2R150	J32TZ-IR2R150	188	48	124/161
	50	300	Hi-Tech Performa TPR	J33AZ-PR4T150-C01	J32AZ-PR4T150-C01	J32TZ-PR4T150-C01	188	48	124/161
200	50	410	Hi-Tech Polyurethane	J33AZ-UR4T150	J32AZ-UR4T150	J32TZ-UR4T150	188	48	124/161
	50	410	Black Nylon	J33AZ-MR6R150	J32AZ-MR6R150	J32TZ-MR6R150	188	48	124/161
	50	410	Polyurethane on Cast Iron	J33AZ-XR5T150	J32AZ-XR5T150	J32TZ-XR5T150	188	48	124/161
	51	450	Cast Iron	J33AZ-IR2R200	J32AZ-IR2R200	J32TZ-IR2R200	240	61	162/193
	50	400	Hi-Tech Performa TPR	J33AZ-PR4T200-C01	J32AZ-PR4T200-C01	J32TZ-PR4T200-C01	240	61	162/193
200	50	450	Hi-Tech Polyurethane	J33AZ-UR4T200	J32AZ-UR4T200	J32TZ-UR4T200	240	61	162/193
	50	455	Black Nylon	J33AZ-MR6R200	J32AZ-MR6R200	J32TZ-MR6R200	240	61	162/193
	50	455	Polyurethane on Cast Iron	J33AZ-XR5T200	J32AZ-XR5T200	J32TZ-XR5T200	240	61	162/193

Medium Duty

COLISON

Cast Iron Wheels



Capacity up to 450 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
100	51	320	62	13	Roller Bearing	IR2R100
125	51	410	62	13	Roller Bearing	IR2R125
150	51	410	62	13	Roller Bearing	IR2R150
200	51	450	62	13	Roller Bearing	IR2R200

Hi-Tech Performa TPR Wheels



Capacity up to 400 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
100	50	200	62	13	Double Ball Bearing	PR4T100-C01
125	50	240	62	13	Double Ball Bearing	PR4T125-C01
150	50	300	62	13	Double Ball Bearing	PR4T150-C01
200	50	400	62	13	Double Ball Bearing	PR4T200-C01

Hi-Tech Polyurethane Wheels



Hardness:
70(±5) Durometer Shore A scale.

Capacity up to 450 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
100	50	280	62	13	Double Ball Bearing	UR4T100
125	50	340	62	13	Double Ball Bearing	UR4T125
150	50	410	62	13	Double Ball Bearing	UR4T150
200	50	450	62	13	Double Ball Bearing	UR4T200

Nylon Wheels



Capacity up to 455 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
100	50	320	62	13	Roller Bearing	MR6R100
125	50	410	62	13	Roller Bearing	MR6R125
150	50	410	62	13	Roller Bearing	MR6R150
200	50	455	62	13	Roller Bearing	MR6R200

Polyurethane on Cast Iron Wheels



Capacity up to 455 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
100	50	320	63	13	Double Ball Bearing	XR5T100
125	50	410	63	13	Double Ball Bearing	XR5T125
150	50	410	63	13	Double Ball Bearing	XR5T150
200	50	455	63	13	Double Ball Bearing	XR5T200

Wheel Selection

COLSON®



Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

J3 Series Stainless Steel

Swivel & Fixed

Plate Castor

Capacity up to **410 kg each**



Standard Features

- Constructed of highly polished, corrosion resistant stainless steel (304 Grade).
- Double stainless steel ball bearing raceways formed smooth for ease of swiveling.
- Legs precision welded remove strength.
- 1/2" diameter 304 stainless steel axle with integrated grease fitting (standard).

Brake Options



Total Lock

The brake design features with a nylon pedal is easily operated with foot action. Available on all swivel models.

Wheel Selection



Hi-Tech Polyurethane with Double Ball Bearing

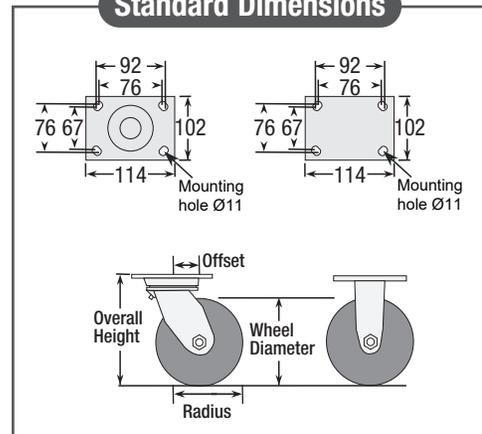


White Nylon with Delrin



Hi-Tech Performa TPR with Delrin

Standard Dimensions



TECHNICAL DATA

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Fixed Code	Swivel Code	Brake Code	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)
150	51	410	Hi-Tech Polyurethane	J33AS-UR4U150	J32AS-UR4U150	J32TS-UR4U150	191	48	127/187
	51	410	White Nylon	J33AS-NR7E150	J32AS-NR7E150	J32TS-NR7E150	191	48	127/187
	51	270	Hi-Tech Performa TPR	J33AS-PR4E150	J32AS-PR4E150	J32TS-PR4E150	191	48	127/187

Hi-Tech Polyurethane Wheels



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
150	51	410	62	13	Double Ball Bearing	UR4U150

Nylon Wheels



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
150	51	410	62	13	Delrin	NR7E150

Hi-Tech Performa TPR Wheels



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
150	51	270	62	13	Delrin	PR3E150

Medium Duty

COLSON



Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

J4 Series

Swivel & Fixed

Plate Castor

Capacity up to **600 kg each**

Standard Features

- Zinc plated finish.
- Full double ball hardened raceways provide strong performance.
- The 4 Series fork offers a larger top plate and more durable construction.
- 1/4" steel top plate for durability.
- Applications include utility carts, logistics cart, stillages and more.



Medium Duty

Brake Options



Total Lock

The ON/OFF pedal design makes foot access easy for convenient operation.

Available on 6" and 8" swivel models, expect cast iron wheel.

Wheel Selection



CG-MAX Urethane on Aluminium with Double Ball Bearing

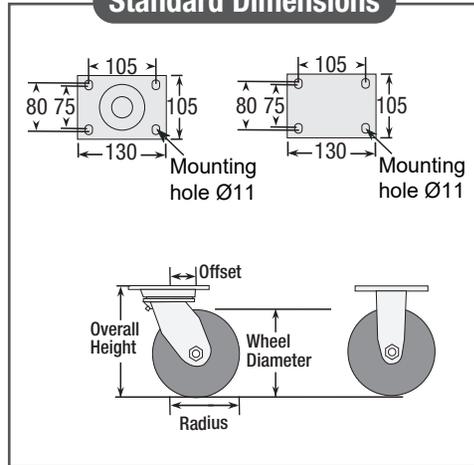


Urethane on Cast Iron with Roller Bearing



Cast Iron with Roller Bearing

Standard Dimensions



TECHNICAL DATA



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Fixed Code	Swivel Code	Brake Code	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)
150	51	560	CG-MAX Urethane on Aluminium	J43AZ-CT0T150	J42AZ-CT0T150	J42TZ-CT0T150	191	52	127/162
	51	600	Urethane on Cast Iron	J43AZ-XT2R150	J42AZ-XT2R150	J42TZ-XT2R150	191	52	127/162
	51	600	Cast Iron	J43AZ-IT3R150	J42AZ-IT3R150	—	191	52	127/162
200	51	560	CG-MAX Urethane on Aluminium	J43AZ-CT0T200	J42AZ-CT0T200	J42TZ-CT0T200	241	65	165/193
	51	600	Urethane on Cast Iron	J43AZ-XT2R200	J42AZ-XT2R200	J42TZ-XT2R200	241	65	165/193
	51	600	Cast Iron	J43AZ-IT3R200	J42AZ-IT3R200	—	241	65	165/193

CG-MAX Wheels



Hardness:
95(±5) Durometer Shore A scale.

Capacity up to 680 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
150	51	560	62	13	Double Ball Bearing	CT0T150
200	51	680	62	13	Double Ball Bearing	CT0T200

URETHANE ON CAST IRON Wheels



Capacity up to 600 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
150	51	600	62	13	Roller Bearing	XT2R150
200	51	600	62	13	Roller Bearing	XT2R200

Cast Iron Wheels



Capacity up to 1150 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
150	51	950	62	13	Roller Bearing	IT3R150
200	51	1150	62	13	Roller Bearing	IT3R200

Wheel Selection

COLSON®



Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

J5 Series

Swivel & Fixed

Plate Castor

Capacity up to **1000 kg each**

Standard Features

- Precision raceways and fully heat treated for longer life.
- Axle: 1/2" diameter axle.
- Yoke Base: Notched AISI 1045 steel.
- Zinc plated finish.
- Applications include dollies, dough troughs, platform trucks, tow line, utility carts, tooling fixtures, scrap metal carriers and more.



Heavy Duty

Brake Options



Wheel brake

Wheel Selection

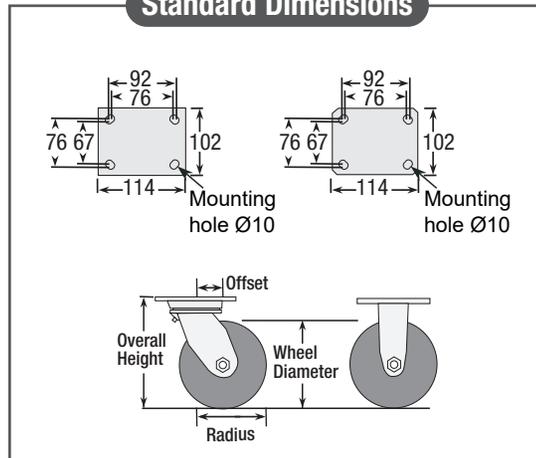


Urethane on Cast Iron (PF) with Double Ball Bearing



Cast Iron with Roller Bearing

Standard Dimensions



TECHNICAL DATA



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Fixed Code	Swivel Code	Brake Code	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)
150	51	900	Urethane on Cast Iron (PF)	J53AZ-YU1T150	J52AZ-YU1T150	J52WZ-YU1T150	191	40	115/170
	51	900	Cast Iron	J53AZ-IT3R150	J52AZ-IT3R150	J52WZ-IT3R150	191	40	115/170
200	51	1000	Urethane on Cast Iron (PF)	J53AZ-YU1T200	J52AZ-YU1T200	J52WZ-YU1T200	241	56	157/208
	51	1000	Cast Iron	J53AZ-IT3R200	J52AZ-IT3R200	J52WZ-IT3R200	241	56	157/208
250	51	1000	Urethane on Cast Iron (PF)	J53AZ-YU1T250	J52AZ-YU1T250	J52WZ-YU1T250	292	56	185/229

Hi-Tech Polyurethane Wheels



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
150	51	900	62	13	Double Ball Bearing	YU1T150
200	51	1000	62	13	Double Ball Bearing	YU1T200
250	51	1000	62	13	Double Ball Bearing	YU1T250

Cast Iron Wheels



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
150	51	950	62	13	Roller Bearing	IT3R150
200	51	1150	62	13	Roller Bearing	IT3R200



Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

X1 Series

Swivel & Fixed

Plate Castor

Capacity up to **2450 kg each**



Standard Features

- Zinc plated finish.
- Single ball hardened swivel raceway construction.
- Formed fork legs feature robotic welding inside and out for consistent quality.
- Recessed grease fitting on swivel raceway to prevent damage.

Brake Options



Wheel brake

Wheel Selection

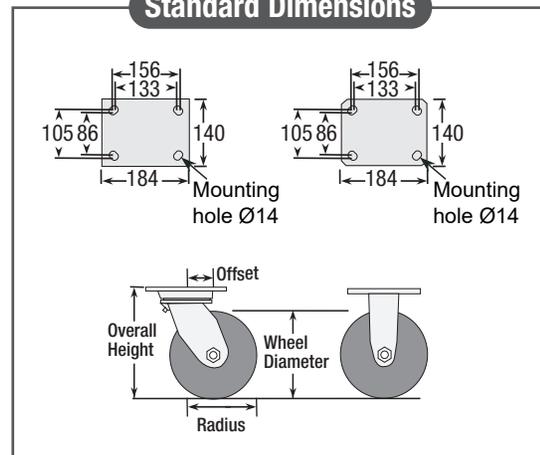


Urethane on Cast Iron (PF) with Double Ball Bearing



NX Nylon with Double Ball Bearing

Standard Dimensions



TECHNICAL DATA



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Fixed Code	Swivel Code	Brake Code	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)
200	51	1800	Urethane on Cast Iron (PF)	X13AZ-YU3T200	X12AZ-YU3T200	X12WZ-YU3T200	257	56	157/240
	51	2450	NX Nylon	X13AZ-MU2T200	X12AZ-MU2T200	X12WZ-MU2T200	257	56	157/240
250	76	1900	Urethane on Cast Iron (PF)	X13AZ-YU3T250	X12AZ-YU3T250	X12WZ-YU3T250	292	61	187/272
	76	2450	NX Nylon	X13AZ-MU2T250	X12AZ-MU2T250	X12WZ-MU2T250	292	61	187/272
300	76	2000	Urethane on Cast Iron (PF)	X13AZ-YU3T300	X12AZ-YU3T300	X12WZ-YU3T300	343	74	225/335
	76	2450	NX Nylon	X13AZ-MU2T300	X12AZ-MU2T300	X12WZ-MU2T300	343	74	225/335

Urethane on Cast Iron Wheels (PF)



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
200	51	1800	89	19	Double Ball Bearing	YU3T200
250	76	1900	89	19	Double Ball Bearing	YU3T250
300	76	2000	89	19	Double Ball Bearing	YU3T300

NX Nylon Wheels (NX)



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
200	51	2450	89	19	Double Ball Bearing	MU2T200
250	76	2450	89	19	Double Ball Bearing	MU2T250
300	76	2450	89	19	Double Ball Bearing	MU2T300

Heavy Duty

COLSON



Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

G4 Series (Rhombus 367)

Swivel & Fixed

Plate Castor

Capacity up to **120 kg each**

Standard Features

- Pressed steel construction
- Zinc plated finish.
- Swivel bearing with double ball race ensures smooth rotation and effortless operation.
- Protected from dust and water spray with plastic seal.
- Applications:
 - Medical appliances
 - Care beds
 - Cleaning machines
 - Display stands
 - Dustbins
 - File carts
 - Laundry carts
 - Computer area



Medical Castor

Brake Options

Easy to operate and durable braking system.



Total Lock



Direction Lock

Wheel Selection



Grey TPR with Single Ball Bearing

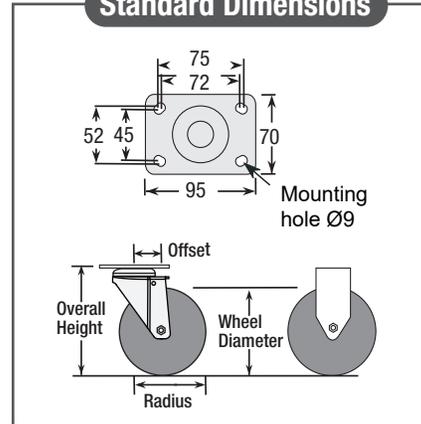


Grey TPU with Single Ball Bearing



Grey Rubber with Single Ball Bearing

Standard Dimensions



TECHNICAL DATA

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Fixed Code	Swivel Code	Brake Code(T)	Brake Code(D)	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)
80	30	80	Grey TPR	G43AZ-RF2K080	G42AZ-RF2K080	G42TZ-RF2K080	G42DZ-RF2K080	118	44	84/116
	30	80	Grey TPU	G43AZ-UF2K080	G42AZ-UF2K080	G42TZ-UF2K080	G42DZ-UF2K080	118	44	84/116
	30	80	Grey Rubber					118	44	84/116
100	32	100	Grey TPR	G43AZ-RF2K100	G42AZ-RF2K100	G42TZ-RF2K100	G42DZ-RF2K100	138	42	92/116
	32	100	Grey TPU	G43AZ-UF2K100	G42AZ-UF2K100	G42TZ-UF2K100	G42DZ-UF2K100	138	42	92/116
	32	100	Grey Rubber					138	42	92/116
125	32	100	Grey TPR	G43AZ-RF2K125	G42AZ-RF2K125	G42TZ-RF2K125	G42DZ-RF2K125	163	44	106/116
	32	100	Grey TPU	G43AZ-UF2K125	G42AZ-UF2K125	G42TZ-UF2K125	G42DZ-UF2K125	163	44	106/116
	32	100	Grey Rubber					163	44	106/116
150	32	120	Grey TPR	G43AZ-RF2K150	G42AZ-RF2K150	G42TZ-RF2K150	G42DZ-RF2K150	190	51	126/116
	32	120	Grey TPU	G43AZ-UF2K150	G42AZ-UF2K150	G42TZ-UF2K150	G42DZ-UF2K150	190	51	126/116
	32	120	Grey Rubber					190	51	126/116
200	32	120	Grey TPR	G43AZ-RF2K200	G42AZ-RF2K200	G42TZ-RF2K200	G42DZ-RF2K200	242	61	161/116
	32	120	Grey TPU	G43AZ-UF2K200	G42AZ-UF2K200	G42TZ-UF2K200	G42DZ-UF2K200	242	61	161/116
	32	120	Grey Rubber					242	61	161/116





Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

G4 Series (Rhombus 367)

Bolt Hole Castor Capacity up to **120 kg each**

Standard Features

- Zinc plated finish is attractive and durable.
- Swivel bearing with double ball race ensures smooth rotation and effortless operation.
- Protected from dust and water spray with plastic seal.
- Applications:
 - Medical appliances
 - Care beds
 - Cleaning machines
 - Display stands
 - Dustbins
 - File carts
 - Laundry carts
 - Computer area



Brake Options

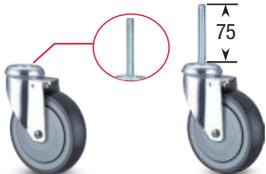


Total Lock **Direction Lock**

Easy to operate and durable braking system.

Bolt-fitted Fitting

Specify changing the 3rd character from 1 to 4 for bolt-fitted orders with bolt hole castors.
Example: G41AZ-RF2K080 → G44AZ-RF2K080



Wheel Selection

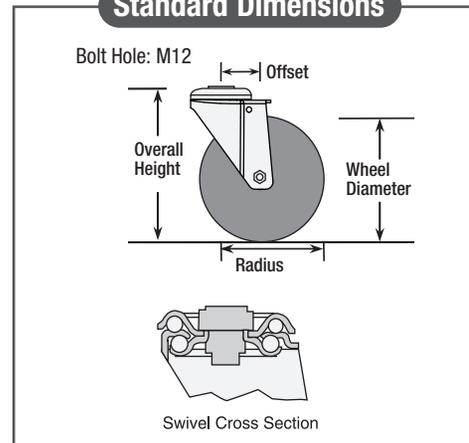


Grey TPR with Single Ball Bearing Grey TPU with Single Ball Bearing



Grey Rubber with Single Ball Bearing

Standard Dimensions



TECHNICAL DATA

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Swivel Code	Brake Code(T)	Brake Code(D)	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)	Bolt Hole Size
80	30	80	Grey Performa TPR	G41AZ-RF2K080	G41DZ-RF2K080	G41TZ-RF2K080	111	44	84/116	M12
	30	80	Grey TPU	G41AZ-UF2K080	G41DZ-UF2K080	G41TZ-UF2K080	111	44	84/116	M12
	30	80	Grey Rubber				111	44	84/116	M12
100	32	100	Grey Performa TPR	G41AZ-RF2K100	G41DZ-RF2K100	G41TZ-RF2K100	131	42	92/116	M12
	32	100	Grey TPU	G41AZ-UF2K100	G41DZ-UF2K100	G41TZ-UF2K100	131	42	92/116	M12
	35	100	Grey Rubber				131	42	92/116	M12
125	32	100	Grey Performa TPR	G41AZ-RF2K125	G41DZ-RF2K125	G41TZ-RF2K125	156	44	106/116	M12
	32	100	Grey TPU	G41AZ-UF2K125	G41DZ-UF2K125	G41TZ-UF2K125	156	44	106/116	M12
	32	100	Grey Rubber				156	44	106/116	M12
150	32	120	Grey Performa TPR	G41AZ-RF2K150	G41DZ-RF2K150	G41TZ-RF2K150	183	51	126/116	M12
	32	120	Grey TPU	G41AZ-UF2K150	G41DZ-UF2K150	G41TZ-UF2K150	183	51	126/116	M12
	32	120	Grey Rubber				183	51	126/116	M12
200	32	120	Grey Performa TPR	G41AZ-RF2K200	G41DZ-RF2K200	G41TZ-RF2K200	235	61	161/116	M12
	32	120	Grey TPU	G41AZ-UF2K200	G41DZ-UF2K200	G41TZ-UF2K200	235	61	161/116	M12
	32	120	Grey Rubber				235	61	161/116	M12

Medical Castor

COLSON



Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

G4 Series (Rhombus 394)

Swivel & Fixed

Plate Castor (Stainless Steel)

Capacity up to
120 kg each



Medical Castor

Standard Features

- Zinc plated finish is attractive and durable.
- Swivel bearing with double ball race ensures smooth rotation and effortless operation.
- Protected from dust and water spray with plastic seal.
- Applications:
 - Medical appliances
 - Care beds
 - Cleaning machines
 - Display stands
 - Dustbins
 - File carts
 - Laundry carts
 - Computer area

Brake Options

Easy to operate and durable braking system.



Total Lock



Direction Lock

Wheel Selection



Grey TPR with Single Ball Bearing

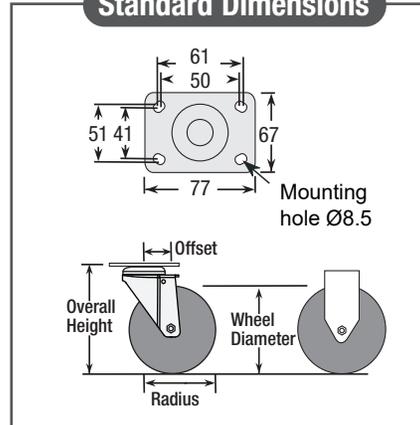


Grey TPU with Single Ball Bearing



Grey Rubber with Single Ball Bearing

Standard Dimensions



TECHNICAL DATA

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Fixed Code	Swivel Code	Brake Code	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)
80	30	80	Grey TPR	G43AS-RF2L080	G42AS-RF2L080	G42TS-RF2L080	118	44	84/116
	30	80	Grey TPU	G43AS-UF2L080	G42AS-UF2L080	G42TS-UF2L080	118	44	84/116
	32	80	Grey Rubber				118	44	84/116
100	32	100	Grey TPR	G43AS-RF2L100	G42AS-RF2L100	G42TS-RF2L100	138	42	92/116
	32	100	Grey TPU	G43AS-UF2L100	G42AS-UF2L100	G42TS-UF2L100	138	42	92/116
	35	100	Grey Rubber				138	42	92/116
125	32	100	Grey TPR	G43AS-RF2L125	G42AS-RF2L125	G42TS-RF2L125	163	44	106/116
	32	100	Grey TPU	G43AS-UF2L125	G42AS-UF2L125	G42TS-UF2L125	163	44	106/116
	32	100	Grey Rubber				163	44	106/116
150	32	120	Grey TPR	G43AS-RF2L150	G42AS-RF2L150	G42TS-RF2L150	190	51	126/116
	32	120	Grey TPU	G43AS-UF2L150	G42AS-UF2L150	G42TS-UF2L150	190	51	126/116
	32	120	Grey Rubber				190	51	126/116
200	32	120	Grey TPR	G43AS-RF2L200	G42AS-RF2L200	G42TS-RF2L200	242	61	161/116
	32	120	Grey TPU	G43AS-UF2L200	G42AS-UF2L200	G42TS-UF2L200	242	61	161/116
	32	120	Grey Rubber				242	61	161/116



Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

G4 Series (Rhombus 394)

Swivel

Bolt Hole Castor (Stainless Steel)

Capacity up to
120 kg each



Standard Features

- Zinc plated finish is attractive and durable.
- Swivel bearing with double ball race ensures smooth rotation and effortless operation.
- Protected from dust and water spray with plastic seal.
- Applications:
 - Medical appliances
 - Care beds
 - Cleaning machines
 - Display stands
 - Dustbins
 - File carts
 - Laundry carts
 - Computer area

Medical Castor

Brake Options



Total Lock

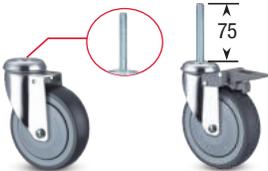


Direction Lock

Easy to operate and durable braking system.

Bolt-fitted Fitting

Specify changing the 3rd character from 1 to 4 for bolt-fitted orders with bolt hole castors.
Example: G41AS-RF2L080 → G44AS-RF2L080



Wheel Selection



Grey TPR
with Single Ball Bearing

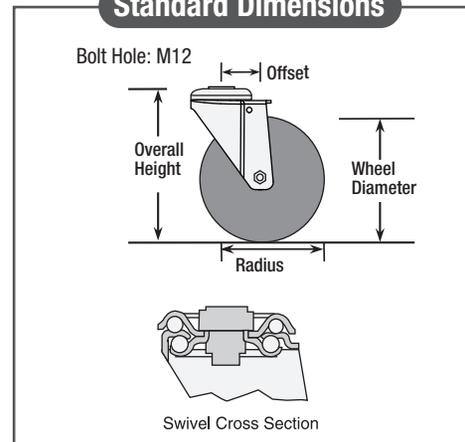


Grey TPU
with Single Ball Bearing



Grey Rubber
with Single Ball Bearing

Standard Dimensions



TECHNICAL DATA

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Swivel Code	Brake Code(T)	Brake Code(D)	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)	Bolt Hole Size
80	30	80	Grey Performa TPR	G41AS-RF2L080	G41TS-RF2L080	G41DS-RF2L080	111	44	84/116	M12
	30	80	Grey TPU	G41AS-UF2L080	G41TS-UF2L080	G41DS-UF2L080	111	44	84/116	M12
	30	80	Grey Rubber				111	44	84/116	M12
100	32	100	Grey Performa TPR	G41AS-RF2L100	G41TS-RF2L100	G41DS-RF2L100	131	42	92/116	M12
	32	100	Grey TPU	G41AS-UF2L100	G41TS-UF2L100	G41DS-UF2L100	131	42	92/116	M12
	35	100	Grey Rubber				131	42	92/116	M12
125	32	100	Grey Performa TPR	G41AS-RF2L125	G41TS-RF2L125	G41DS-RF2L125	156	44	106/116	M12
	32	100	Grey TPU	G41AS-UF2L125	G41TS-UF2L125	G41DS-UF2L125	156	44	106/116	M12
	32	100	Grey Rubber				156	44	106/116	M12
150	32	120	Grey Performa TPR	G41AS-RF2L150	G41TS-RF2L150	G41DS-RF2L150	183	51	126/116	M12
	32	120	Grey TPU	G41AS-UF2L150	G41TS-UF2L150	G41DS-UF2L150	183	51	126/116	M12
	32	120	Grey Rubber				183	51	126/116	M12
200	32	120	Grey Performa TPR	G41AS-RF2L200	G41TS-RF2L200	G41DS-RF2L200	235	61	161/116	M12
	32	120	Grey TPU	G41AS-UF2L200	G41TS-UF2L200	G41DS-UF2L200	235	61	161/116	M12
	32	120	Grey Rubber				235	61	161/116	M12



Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

P4 Series (Avant)

Single Wheel Castor Capacity up to **100 kg each**

Standard Features

- Sealed precision bearings in wheel and headrace provide quiet and effortless mobility.
- Fully integrated thread guards to keep debris out of the wheels.
- Quiet operation with top of the line Performa rubber wheels.
- Available in stainless Steel, conductive and antimicrobial configurations.
- Applications include healthcare furniture, crash carts, electronic medical devices, mobile computing, workstations anesthesia carts and more.



Medical Castor

Brake Options



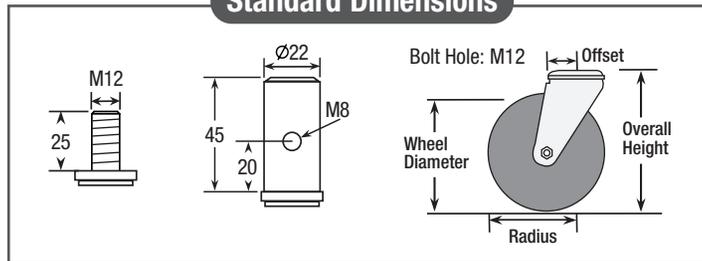
Total Lock



Direction Lock

Easy to operate and durable braking system.

Standard Dimensions



BOLT HOLE



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Swivel Code	Brake Code(T)	Brake Code(D)	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)	Bolt Hole Size
100	32	100	Hi-Tech Performa	P41AZ-PC0K100	P41TZ-PC0K100	P41DZ-PC0K100	139	36	86/103	M12
125	32	100	Hi-Tech Performa	P41AZ-PC0K125	P41TZ-PC0K125	P41DZ-PC0K125	162	40	103/103	M12

THREADED STEM



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Swivel Code	Brake Code(T)	Brake Code(D)	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)
100	32	100	Hi-Tech Performa	P45AZ-PC0K100	P45TZ-PC0K100	P45DZ-PC0K100	139	36	86/103
125	32	100	Hi-Tech Performa	P45AZ-PC0K125	P45TZ-PC0K125	P45DZ-PC0K125	162	40	103/103

SOLID STEM



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Swivel Code	Brake Code(T)	Brake Code(D)	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)
100	32	100	Hi-Tech Performa	P46AZ-PC0K100	P46TZ-PC0K100	P46DZ-PC0K100	139	36	86/103
125	32	100	Hi-Tech Performa	P46AZ-PC0K125	P46TZ-PC0K125	P46DZ-PC0K125	162	40	103/103





Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

M1 Series (Rhombus 398)

Central Lock Castor

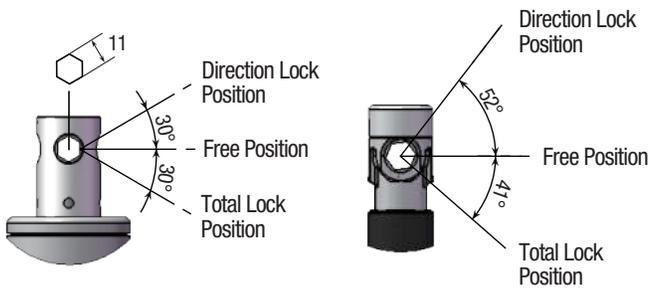
Capacity up to **150 kg each**

Standard Features

- Central locking castor design.
- Aluminum alloy rigs offering better load capacity and impact strength.
- Non marking polyurethane wheel treads (95 A).
- Dual Precision ball bearings in wheel for 200mm.
- Conductive option is available.
- Applications include diagnostic equipment, OR beds, ICU beds, care beds, patient transport chairs and more.



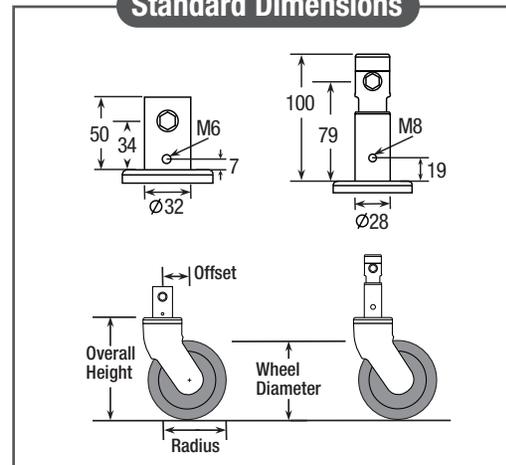
Central Locking Controls



Note

Two locking hole options available
Locking hole in line or across direction of travel

Standard Dimensions



SHORT STEM



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Brake Code(T)	Brake Code(D)	Solid stem Dimension	Overall Height (mm)	Offset (mm)	Radius (mm)
125	32	120	Hi-Tech Polyurethane	M19QZ-UF2K125	M19RZ-UF2K125	∅32×50	158	40	103
150	32	150	Hi-Tech Polyurethane	M19QZ-UF2K150	M19RZ-UF2K150	∅32×50	188	42	117

LONG STEM



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Brake Code(T)	Brake Code(D)	Solid stem Dimension	Overall Height (mm)	Offset (mm)	Radius (mm)
125	32	120	Hi-Tech Polyurethane	M18QZ-UF2K125	M18RZ-UF2K125	∅28×100	158	40	103
150	32	150	Hi-Tech Polyurethane	M18QZ-UF2K150	M18RZ-UF2K150	∅28×100	188	42	117

Medical Castor





Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

M6 Series (CPT)

Twin Wheel Castor Capacity up to 100 kg each

Medical Castor

Standard Features

- Aluminum alloy rigs offering high loading capacity and durability.
- The swivel raceway features a sealed precision ball bearing for effortless mobility.
- Non marking TPU wheel treads for softer quieter ride.
- Twin wheel castor with reliable service record.
- High brake location for reduced swivel radius.
- Applications include healthcare, furniture, electronic, medical devices diagnostic equipment and more.

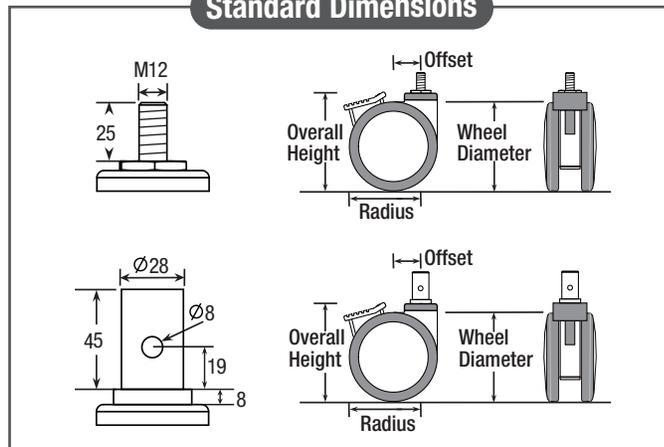


Brake Options



Total Lock
Easy to operate and durable braking system.

Standard Dimensions



THREADED STEM



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Swivel Code	Brake Code	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)
75	59	80	Polyurethane	M65AZ-UA1K075	M65TZ-UA1K075	94	21	62/71
100	66	100	Polyurethane	M65AZ-UA1K100	M65TZ-UA1K100	125	28	82/92
125	74	100	Polyurethane	M65AZ-UA1K125	M65TZ-UA1K125	148	38	103/117

SOLID STEM



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Swivel Code	Brake Code	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)
75	59	80	Polyurethane	M66AZ-UA1K075	M66TZ-UA1K075	94	21	62/71
100	66	100	Polyurethane	M66AZ-UA1K100	M66TZ-UA1K100	125	28	82/92
125	74	100	Polyurethane	M66AZ-UA1K125	M66TZ-UA1K125	148	38	103/117



Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

BM Swivel & Fixed Series

(Business Machine) Capacity up to **540 kg each**

Standard Features

- Corrosion resistant zinc finish.
- Ultra-tough, thermoplastic wheel resists hard impacts and supports high dynamic load.
- Hardened double ball raceways.

Typical Applications

Vending machines, computer racks, server cabinets or anywhere overall load height is restricted.

Performance Options

Consult factory for rigid, brake and additional finish options.



200 kg model



540 kg model



Glass Filled Nylon



Wheel Lock

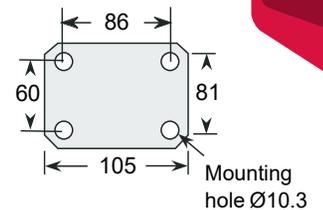
Available on 75mm model



- High Load Capacities
- Low Load Heights
- High durability

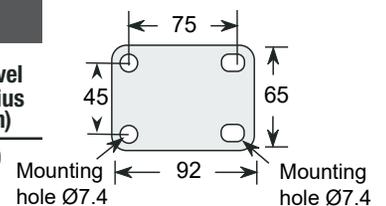
Business Machine Castors • 540 kg

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Wheel Descriptions	Wheel Bearing	Fixed Castor Code	Swivel Castor Code	Overall Height (mm)	Swivel Radius (mm)
75	46	540	Glass Filled Nylon	Roller	BM3AZ-MY5R075	BM2AZ-MY5R075	105	60



Business Machine Castors • 200 kg

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Wheel Descriptions	Wheel Bearing	Fixed Castor Code	Swivel Castor Code	Overall Height (mm)	Swivel Radius (mm)
50	46	200	Glass Filled Nylon	Plain	BM3AZ-MY5G050	BM2AZ-MY5G050	73	60



Business Machine

COLSON



Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

AC Series

(Air Cargo)

Capacity up to
250 kg each



Features

- Zinc plated finish is attractive and durable.
- PA66 nylon material ensures high wheel performance.
- Swivel headrace and wheel fitted with precision bearings ensures smooth rotation and effortless operation.

Typical Applications

- Air Cargo Terminals
- Airport Ground Support Equipment (GSE)
- Air Cargo Pallet Handling Systems
- Conveyor and Transfer Tables
- Maintenance and Assembly Lines

Air Cargo

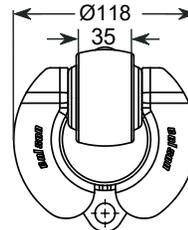
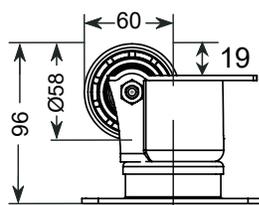
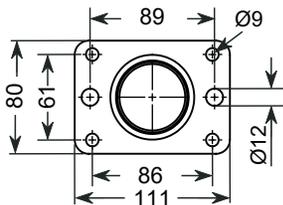


Standard Cargo Castors with integrated toe-guard

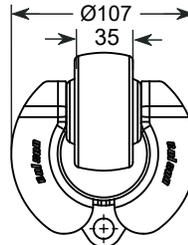
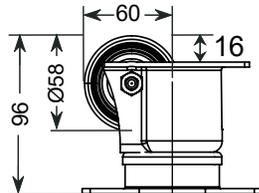
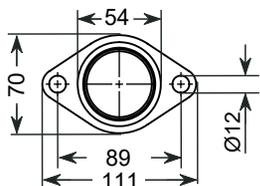


Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Wheel Descriptions	Wheel Bearing	Castor Code	Overall Height (mm)	Offset (mm)	Swivel Radius (mm)	Plate Type
58	35	250	Nylon	Dual Bearing	AC2AY-NY6T058-P01	96	25	60	Rectangular Plate
58	35	250	Nylon	Prec. Ball	AC2AZ-NY6K058	96	25	60	Diamond Plate
70	35	250	Nylon	Prec. Ball	AC2AZ-NY6K070	102	25	60	Diamond Plate

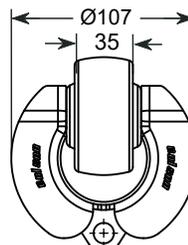
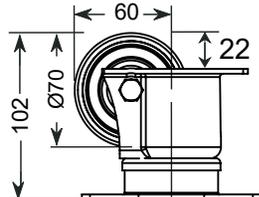
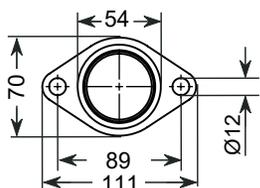
AC2AY-NY6T058-P01



AC2AZ-NY6K058



AC2AZ-NY6K070





Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

SC Series

(Shopping Cart) Capacity up to **100 kg each**

Standard Features

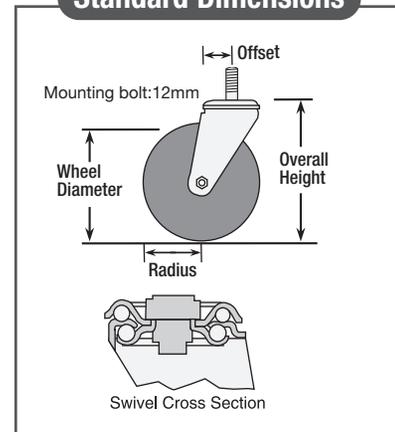
- Considered by many to be the industry standard.
- Wheel tread is mechanically locked to the core.
- Double ball raceway provides better mobility.
- Wheel tread is also chemically bonded for additional strength and wear resistance.



- **Wear resistance**
- **Pressure resistance**
- **Noise reduction**

The shopping cart to better adapt to various ground conditions.

Standard Dimensions



TRAVELLATOR

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Swivel Code	Overall Height (mm)	Offset (mm)	Swivel Radius (mm)
125	29	80	TPU	SC5AZ-UY3K125	153	40	102



SHOPPING CART

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Swivel Code	Overall Height (mm)	Offset (mm)	Swivel Radius (mm)
125	30	100	TPU	SC5AZ-UY4K125	149	38	101

TPU Wheels



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
125	30	100	40	8	Prec. Ball	UY4K125



TPU wheel

reduces damage caused by rolling, unattended shopping carts. They are designed to hold unattended shopping carts on a slight slope (1-2 degrees) and slow down acceleration on greater slopes.

Shopping Cart

COLSON



Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

PN Series (Pneumatic)

Plate Castor

Capacity up to
210 kg each

Standard Features

- Double ball raceways for smooth swiveling action.
- Grease fitting in axle and swivel raceway for easy maintenance.
- Zinc plating finished.
- 5/8" diameter kingpin.



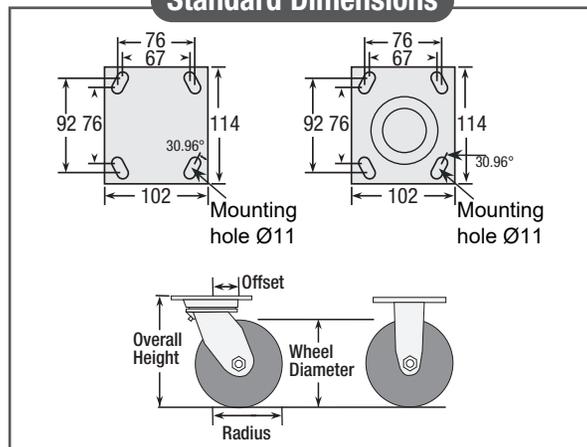
Pneumatic Series



3-Piece Hub Design

The 3-piece hub design allows for easy maintenance and repair

Standard Dimensions



FIXED & SWIVEL CASTOR



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Fixed Code	Swivel Code	Overall Height (mm)	Offset (mm)	Swivel Radius (mm)
200	60	140	Black Rubber (Pneumatic)	PN3AZ-TY2B200	PN2AZ-TY2B200	241	64	172
250	95	210	Black Rubber (Pneumatic)	PN3AZ-TY2B250	PN2AZ-TY2B250	330	67	202

Black Rubber (Pneumatic) Wheels



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Hub length (mm)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
200	60	140	75	13	Ball Bearing	TY2B200
250	95	210	102	13	Ball Bearing	TY2B250

EXPERTS IN AGV CASTOR SOLUTIONS

Global Application Experience



Complete Product Range

We offer a full AGV castor and wheel lineup with load capacities ranging from **50 kg to 3500 kg**, suitable for light-duty to heavy-duty AGV and AMR applications.

Serving markets where efficiency, safety, and flexibility matter, including:

- /// Excellent Durability & Long Service Life
- /// Low Rolling Resistance & Energy Efficiency
- /// Flexible Customization Capability
- /// Global Application Experience

Customise AGV Drive Wheels

Customise Options

- Wheel Size (Diameter & Tread Width)
- Wheel Hub Structure & Drive Interface
- Tread Profile & Surface Design
- Hub Material Options
- Tread Material Selection
- Appearance & Surface Finish





Consult factory for RoHS, NSF, REACH requirements on a part specific basis.

FL Series (Floor Lock)

Features

- Heavy duty industrial strength construction.
- Foot pedal easily activates lock with foot pressure.
- Non-slip, non-skid rubber brake pad holds securely on smooth or irregular floor. Designed for using on level surfaces.
- Durable, high-compression spring for heavy loads.
- Conveniently located release bar retracts brake instantly with slight toe pressure to either side of the bar.
- Attractive zinc plated finish.



Easy to engage.

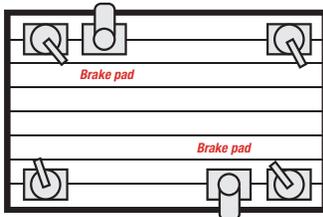


Easy to disengage.

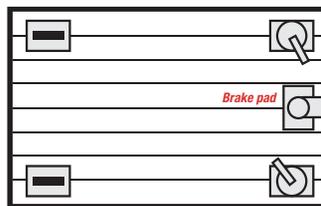
Applicable to the J3,J4 series

Code	6045×4	6253×5	6045×6	6025×8
Wheel Dia.	FL4	FL5	FL6	FL8
Extended Height A	149mm	169mm	197mm	247mm
Retracted Height B	125mm	141mm	169mm	219mm
Top Plate Size	102×114mm			
Bolt Hole Spacing	67-76mm×76-92mm			
Bolt Hole Size	11mm			

Installation site

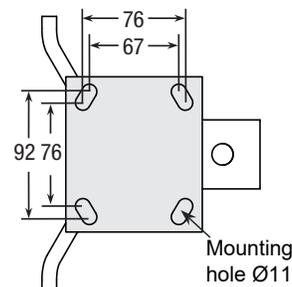
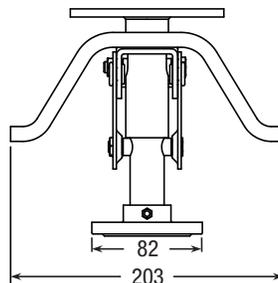
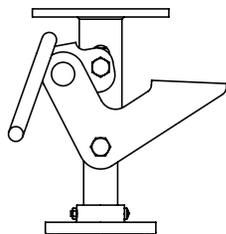


Installation positions for the parking brakes on a transport vehicle equipped with four movable wheels.



Installation positions for the ground brakes used to equip two mobile and fixed wheeled transport vehicles.

Installation size chart





Expander

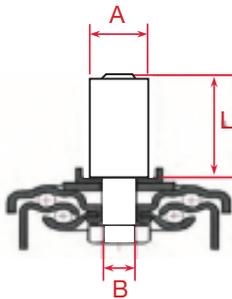
Features

Expanders for mounting on bolt-hole swivel castors provide a secure and reliable fit, ensuring stable performance across a wide range of operating conditions and applications.



EXR

Round Nylon Expander

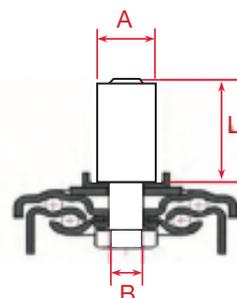


B = M12	ØA	Tube Ø	L
CODE	mm	mm	mm
EXR19-12	19	Ø19-21	46
EXR22-12	22	Ø22-23	46
EXR24-12	24	Ø24-26	46
EXR27-12	27	Ø27-29	46
EXR30-12	30	Ø30-32	46

■ B = M10 On request

EXS

Square Nylon Expander



B = M12	Ø	Tube Ø	L
CODE	mm	mm	mm
EXS20-12	20	Ø20-21,5	46
EXS22-12	22	Ø22-24	46
EXS25-12	25	Ø25-27	46
EXS30-12	30	Ø30-32	46
EXS36-12	36	Ø36-38	46

■ B = M10 On request

42

42 facilities

14

14 countries

192K

192k castors shipped daily.

A PARTNER YOU CAN RELY ON



Dependable Supply

With 42 facilities in 14 countries around the world, Colson Group has the robust supply chain to be able to meet your needs.



ROHS Compliant

Our products are manufactured without harmful or hazardous materials to protect the public health and the environment.



Proven Performance

Products are manufactured in controlled environments. We have systems and procedures in place to ensure our high standards are maintained.

ColsongroupAPAC.com

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