colson GROUP

The Heat is On

INTRODUCING HEATWAVE™

HIGH TEMPERATURE WHEELS AND CASTERS

HEATWAVE

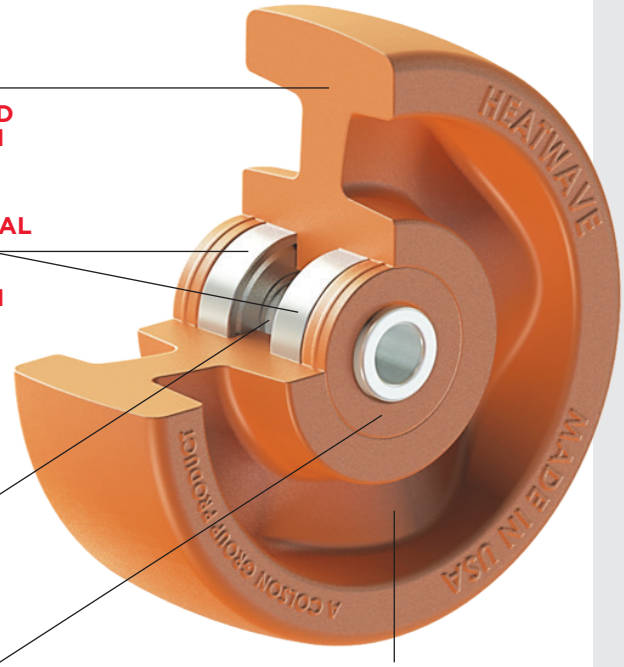
4" x 1½"
High Temperature Wheels and Casters

When the Heat is On, Performance Rises

Meet the Heatwave™ wheel—engineered to raise the bar. Built to outperform and outlast, it delivers next-level durability for demanding operations. Made in the USA, Heatwave offers exceptional heat resistance and heat dissipation—so you get uncompromising performance.

MADE IN USA

Features



GLASS FILLED POLYMER BLEND CONSTRUCTION

DUAL INDUSTRIAL GRADE BALL BEARING CONSTRUCTION

HIGH TEMPERATURE GREASE

DUAL HEAT SHIELD

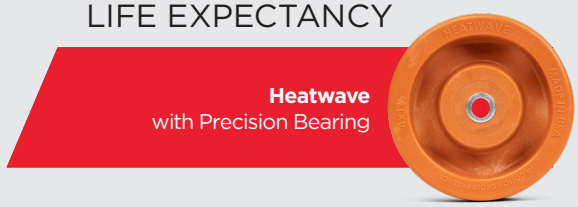
WAVE DESIGN AND SURFACE TEXTURE IMPROVE HEAT DISSIPATION

TEMPERATURE RANGE: -20°F to 475°F
INTERMITTENT TEMPERATURE: 525°F
WHEEL DIAMETER: 4"
TREAD WIDTH: 1½"
TREAD PROFILE: Flat
CAPACITY: 300lbs
AVAILABLE DUROMETER: 85 SHORE D

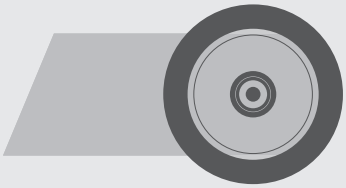
The Results Are In

Cycles to Failure

MORE THAN **2X**[1] LIFE EXPECTANCY



Heatwave
with Precision Bearing



Versus
Green Epoxy Resin with Precision Bearing

Abrasion Resistance Testing

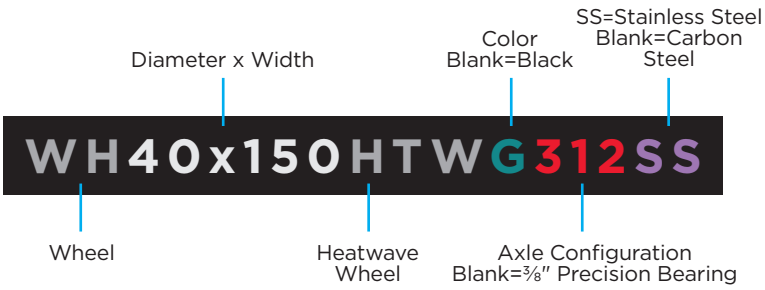
2.9X[2] HIGHER RESISTANCE TO ABRASION COMPARED TO EPOXY RESIN WHEEL

1 Dynamic life comparative tests conducted to replicate field use in a Colson Group test facility. For one test cycle, products were heated to 475°F for one hour time, allowed to cool to room temperature, then durability tested with 300 lb load for 320m. Product was then removed from test and inspected. If there were no wheel failures, the product test cycles were repeated until failure. Heatwave wheel did not fail during testing and after exceeding competitive product life by 2X cycles. Test for Heatwave wheels were ended after exceeding 180 cycles without failure. Testing at other facilities may vary due to equipment and flooring variables. Premium Colson Group rigs were used in all tests to ensure proper controls were in place. 2 Abrasion Resistance comparison test performed in accordance to ASTM D5963, and ISO 4649 in a Colson Group test facility. Samples of the same size of Epoxy and Heatwave wheels were tested, Epoxy resin measured 654 cubic centimeters of material loss. Heatwave wheel measured 225 cubic centimeters of material loss.

Applications

- Professional Bakeries
- Commercial Kitchens
- Food Manufacturing & Processing
- Powder Coating

Sample Wheel Part Number

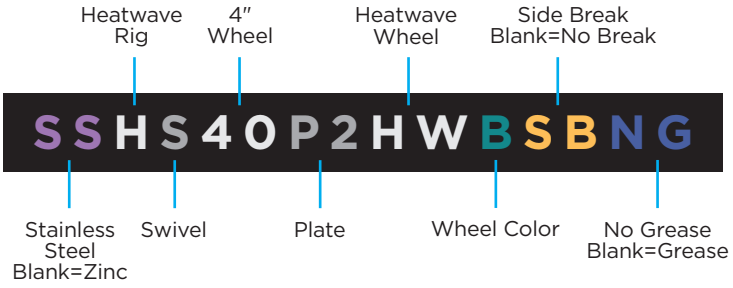


PART NUMBER	COLOR	BEARING	AXLE	COMPONENTS
WH40X150HTW	BLACK	PREC BEARING	⅜"	
WH40X150HTWO	ORANGE	PREC BEARING	⅜"	
WH40X150HTWG	GREEN	PREC BEARING	⅜"	
WH40X150HTWSS	BLACK	PREC BEARING	⅜"	STAINLESS
WH40X150HTWOSS	ORANGE	PREC BEARING	⅜"	STAINLESS
WH40X150HTWGSS	GREEN	PREC BEARING	⅜"	STAINLESS
WH40X150HTW500†*	BLACK	PLAIN	BORE SIZE ½"	
WH40X150HTWO500†*	ORANGE	PLAIN	BORE SIZE ½"	
WH40X150HTWG500†*	GREEN	PLAIN	BORE SIZE ½"	

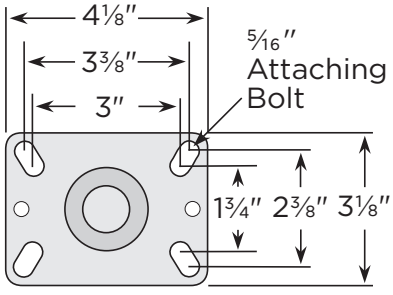
PART NUMBER	COLOR	BEARING	AXLE	COMPONENTS
WH40X150HTW312	BLACK	PREC BEARING	5⁄16"	
WH40X150HTWO312	ORANGE	PREC BEARING	5⁄16"	
WH40X150HTWG312	GREEN	PREC BEARING	5⁄16"	
WH40X150HTW312SS	BLACK	PREC BEARING	5⁄16"	STAINLESS
WH40X150HTWO312SS	ORANGE	PREC BEARING	5⁄16"	STAINLESS
WH40X150HTWG312SS	GREEN	PREC BEARING	5⁄16"	STAINLESS
WH40X150HTW625*	BLACK	PLAIN	BORE SIZE 5⁄8"	
WH40X150HTWO625*	ORANGE	PLAIN	BORE SIZE 5⁄8"	
WH40X150HTWG625*	GREEN	PLAIN	BORE SIZE 5⁄8"	

†Coming soon. *Order spanner separately for 5/16" or 3/8" axles.

Sample Heatwave Caster Model Number



Top Plate[3]



Wheel Color	
Black	B
Green	G
Orange	O

Brake Options	
No Brake	Blank
Side Brake	SB

Grease	
Grease	Blank
No Grease	NG

Plate	Fastening Type	Tread Width	Mount Height	Swivel Radius	Capacity	Model Number
Zinc	Top Plate Swivel	1½"	5⅛"	3½"	300lbs	**HS40P2HW** ____ ____ ____
Stainless Steel	Top Plate Swivel	1½"	5⅛"	3½"	300lbs	**SSHS40P2HW** ____ ____ ____

3 Other fastenings are available via Jarvis 30 or Jarvis S30 Series. Consult factory for MOQ and lead time.

Components

Spanners	Part Number
⅝" OD X ⅜" ID Zinc	CG12098.001
⅝" OD X 5⁄16" ID Zinc	CG12098.002
⅝" OD X ⅜" ID Stainless	CG12098.003
⅝" OD X 5⁄16" ID Stainless	CG12098.004
½" OD X ⅜" ID Zinc	4434-01
½" OD X 5⁄16" ID Zinc	4434-02
½" OD X ⅜" ID Stainless	4425-17
½" OD X 5⁄16" ID Stainless	4425-18

Axles	Part Number
⅜" Zinc	927-02
⅜" Stainless Steel	CG12262.001
⅜" Brake Zinc	964-02
⅜" Brake Stainless Steel	940-17

Nuts	Part Number
⅜"-16 Zinc	2948-02
⅜"-16 Stainless Steel	NJ061600
⅜"-16 Zinc Brake	2925-02

Brake Parts	Part Number
Lever Zinc	1354-02
Lever Stainless Steel	1355-17
Arm Zinc	2064-02
Arm Stainless Steel	2064-17

Swivel Rigs (P2 3⅛"x4⅛")	Part Description	Part Number	Hub Width
Swivel with High Temp Grease	HS40P2	701133	1⅝"
Swivel Ungreased	HS40P2NG	701134	1⅝"
Swivel Stainless Steel with High Temp Grease	SSHS40P2	701135	1⅝"
Swivel Stainless Steel Ungreased	SSHS40P2NG	701136	1⅝"

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Specifications subject to change without notice