

# 2 2J SERIES PLATE & STEM CASTERS

## J FEATURES

**Load Capacity Up to 325 lbs.**

- Finish: bright zinc plating to resist rust and corrosion
- Design: heavy gauge cold rolled steel, formed for strength
- Dust Cap: all swivel models feature dust cap which protects swivel raceway bearings and improves performance
- Swivel Construction: double ball bearing with hardened raceways
- Axle: 3/8" diameter bolt with lock nut
- Kingpin: 1/2" steel rivet, hydraulically upset

## CASTER OPTIONS

- PB/SS** Posi-loc brake - PB/SS - swivel only  
**VB/SS** Vertilok brake - swivel only  
**GS/SSZ** Grease Seals with zerks - swivel only

## PLATE MOUNTING OPTIONS

- Top Plate Sizes (swivel & rigid): to order, add Plate Mounting Code to end of model number (Example: 5-30-105 PLT 1)

Mounting Code	Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
PLT 1	2-3/8 x 3-5/8	1-3/4 x 3	1/4
PLT 2	2-3/8 x 3-5/8	1-3/4 x 3	5/16
PLT 3	3-1/8 x 4-1/8	2-3/8 x 3-7/16	5/16



**2JGF5S**  
Swivel

**2JHR5R**  
Rigid

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## 2 2J SERIES OPTIONS



**SERIES J  
2JPG5SGS5  
GRIP STEM**



**SERIES J  
2JPW5STS5  
THREADED STEM**



**SERIES J  
2JHR5SES9  
EXPANDED STEM**

### J GRIP STEM MOUNTING OPTIONS

- J Grip Stem: to order, specify GS to the caster model number (Example: 2JPG5SGS1).

Stem Code	Round Stem Sizes
GS1	3/4" diameter x 2-3/16" long
GS2	13/16" diameter x 2-3/16" long
GS3	.845" diameter x 2-3/16" long
GS4	.865" diameter x 2-3/16" long
GS5	1" diameter x 2-3/16" long

Stem Code	Square Stem Sizes
GS6	.860" SQUARE x 2-3/16" long

### J THREADED STEM MOUNTING OPTIONS

- J Threaded Stem Sizes: to order, specify stem code number and add to end of caster model number (Example: 2JPW5STS1).

Stem Code	Stem Sizes
TS1	1/2" dia. -13 x 3/4" long
TS2	1/2" dia. -13 x 1" long
TS3	1/2" dia. -13 x 1-1/2" long
TS4	1/2" dia. -20 x 3/4" long
TS5	1/2" dia. -20 x 2-1/4" long
TS6	5/8" dia. -11 x 1-1/4" long
TS7	5/8" dia. - 18 x 1-3/4" long
TS8	3/4" dia. - 10 x 1" long
TS9	3/4" Pipe Thread (1" actual stem diameter)
TS10	1" Pipe Thread (1-1/4" actual stem diameter)
TS11	1-1/4" Pipe Thread (1-1/2" actual stem diameter)

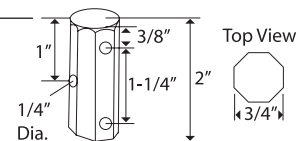
### J EXPANDED STEM MOUNTING OPTIONS

- See chart below for adapter sizes and matching tube sizes. To order, add adapter number to end of model number (Example: 2JHR5SES9).
- Threaded stem size (less adapter): 1/2" diameter x 2- 3/4" long.

Adapter #	Tubing I.D.	Adapter #	Tubing I.D.
ES9	3/4"	ES17 B	1-3/16"
ES11	7/8"	ES19 C	1-3/8"
ES13	1"	ES19 A	1-1/2"
ES15	1-1/8"	ES21	1-7/8"

### J OCTAGON STEM

**Standard Octagon Stem Size: OC**  
3/4" octagon 2" long with 3 cross-drilled mounting holes.



Diameter (inch)	Tread Width (inch)	Wheel Type	Bearing Type	Capacity (lbs.)	Weight Number*	Load Height (lbs.)	Swivel (inch)	Swivel Model Number*	Rigid model Radius
3	1-1/4	Cushion Rubber	Ball	150	1-3/4	4-1/8	3	2JCR3S	2JCR3R
3	1-1/4	Hard Rubber	Ball	220	1-3/4	4-1/8	3	2JHR3S	2JHR3R
3-1/2	1-1/4	Cushion Rubber	Ball	160	2	4-5/8	3-1/4	2JCR35S	2JCR35R
3-1/2	1-1/4	Welded Disc/Black Rubber	Ball	200	2-3/16	4-5/8	3-1/4	2JWDBR35S	2JWDBR35R
3-1/2	1-1/4	Welded Disc/Gray Rubber	Ball	225	2-3/16	4-5/8	3-1/4	2JWDGR35S	2JWDGR35R
3-1/2	1-1/4	Advantage TPR/Round	Ball	225	2-3/16	4-5/8	3-1/4	2JATPRR35S	2JATPRR35R
3-1/2	1-1/4	Advantage Heat Round	S.S. Ball	225	2-3/16	4-5/8	3-1/4	2JAHR35S	2JAHR35R
3-1/2	1-1/4	Advantage Heat Flat	S.S. Ball	225	2-3/16	4-5/8	3-1/4	2JAHF35S	2JAHF35R
3-1/2	1-1/4	Advantage Health	S.S. Ball	225	2-3/16	4-5/8	3-1/4	2JAH35S	2JAH35R
3-1/2	1-1/4	Hard Rubber	Ball	230	2-3/16	4-5/8	3-1/4	2JHR35S	2JHR35R
3-1/2	1-1/4	Welded Disc/Polyurethane	Ball	250	2-3/16	4-5/8	3-1/4	2JWDP35S	2JWDP35R
3-1/2	1-1/4	Advantage TPR/Flat	Flat Ball	250	2-3/16	4-5/8	3-1/4	2JATPRF35S	2JATPRF35R
3-1/2	1-1/4	PolyLoc/Gray	Ball	250	2-3/16	4-5/8	3-1/4	2JPG35S	2JPG35R
3-1/2	1-1/4	PolyLoc/Blue	Ball	250	2-3/16	4-5/8	3-1/4	2JPB35S	2JPB35R
4	1-1/4	Cushion Rubber	Ball	170	2-3/8	5-1/8	3-1/2	2JCR4S	2JCR4R
4	1-1/4	Welded Disc/Black Rubber	Ball	200	2-1/2	5-1/8	3-1/2	2JWDBR4S	2JWDBR4R
4	1-1/4	Welded Disc/Gray Rubber	Ball	200	2-1/2	5-1/8	3-1/2	2JWDGR4S	2JWDGR4R
4	1-1/4	Hard Rubber	Ball	250	2-3/8	5-1/8	3-1/2	2JHR4S	2JHR4R
4	1-1/4	Advantage TPR/Round	Ball	250	2-1/2	5-1/8	3-1/2	2JATPRR4S	2JATPRR4R
4	1-1/4	Welded Disc/Polyurethane	Ball	275	2-1/2	5-1/8	3-1/2	2JWDP4S	2JWDP4R
4	1-1/4	PolyLoc/Gray	Ball	275	2-1/2	5-1/8	3-1/2	2JPG4S	2JPG4R
4	1-1/4	PolyLoc/Blue	Ball	275	2-1/2	5-1/8	3-1/2	2JPB4S	2JPB4R
4	1-1/4	Advantage TPR/Flat	Ball	300	2-1/2	5-1/8	3-1/2	2JATPRF4S	2JATPRF4R
4	1-1/4	Advantage Heat/Round	S.S. Ball	300	2-1/2	5-1/8	3-1/2	2JAHR4S	2JAHR4R
4	1-1/4	Advantage Heat/Flat	S.S. Ball	300	2-1/2	5-1/8	3-1/2	2JAHF4S	2JAHF4R
4	1-1/4	Advantage Health	S.S. Ball	300	2-1/2	5-1/8	3-1/2	2JAH4S	2JAH4R
5	1-1/4	Cushion Rubber	Ball	200	2-3/4	6-1/4	4	2JCR5S	2JCR5R
5	1-1/4	Welded Disc/Black Rubber	Ball	200	3	6-1/4	4	2JWDBR5S	2JWDBR5R
5	1-1/4	Welded Disc/Gray Rubber	Ball	200	3	6-1/4	4	2JWDGR5S	2JWDGR5R
5	1-1/4	Advantage TPR/Round	Ball	250	3	6-1/4	4	2JATPRR5S	2JATPR5R
5	1-1/4	Hard Rubber	Ball	280	2-3/4	6-1/4	4	2JHR5S	2JHR5R
5	1-1/4	Welded Disc/Polyurethane	Ball	300	3	6-1/4	4	2JWDP5S	2JWDP5R
5	1-1/4	PolyLoc/Gray	Ball	300	3	6-1/4	4	2JPG5S	2JPG5R
5	1-1/4	PolyLoc/Blue	Ball	300	3	6-1/4	4	2JPB5S	2JPB5R
5	1-1/4	Polyolefin	Ball	300	3	6-1/4	4	2JPO5S	2JPO5R
5	1-1/4	Advantage Heat Round	S.S. Ball	300	3	6-1/4	4	2JAHR5S	2JAHR5R
5	1-1/4	Advantage Heat/Flat	S.S. Ball	300	3	6-1/4	4	2JAHF5S	2JAHF5R
5	1-1/4	Advantage Health	S.S. Ball	300	3	6-1/4	4	2JAH5S	2JAH5R
5	1-1/4	Advantage TPR/Flat	Ball	325	3	6-1/4	4	2JATPRF5S	2JATPRF5R
6	1-1/4	Welded Disc/Black Rubber	Ball	250	3-3/4	7-1/4	4-1/2	2JWDBR6S	2JWDBR6R
6	1-1/4	Welded Disc/Gray Rubber	Ball	250	3-3/4	7-1/4	4-1/2	2JWDGR6S	2JWDGR6R
6	1-1/4	Hard Rubber	Ball	300	3-1/8	7-1/4	4-1/2	2JHR6S	2JHR6R
6	1-1/4	Welded Disc/Polyurethane	Ball	300	3-3/4	7-1/4	4-1/2	2JWDP6S	2JWDP6R
6	1-1/4	Advantage TPR/Round	Ball	300	3-3/4	7-1/4	4-1/2	2JATPRR6S	2JATPR6R
6	1-1/4	PolyLoc/Gray	Ball	300	3-3/4	7-1/4	4-1/2	2JPG6S	2JPG6R
6	1-1/4	PolyLoc/Blue	Ball	300	3-3/4	7-1/4	4-1/2	2JPB6S	2JPB6R
6	1-1/4	Advantage Heat Round	S.S. Ball	325	3-3/4	7-1/4	4-1/2	2JAHR6S	2JAHR6R
6	1-1/4	Advantage Heat/Flat	S.S. Ball	325	3-3/4	7-1/4	4-1/2	2JAHF6S	2JAHF6R
6	1-1/4	Advantage Health	S.S. Ball	325	3-3/4	7-1/4	4-1/2	2JAH6S	2JAH6R

See Wheel Section for additional wheels to fit this series. Any type 1 1/4" wheel will fit this series.

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