



Wheels: SEMI-STEEL

Durable Superior Casters®



- Semi-Steel / Cast iron, offers a strong, durable, cost effective solution for heavy loads.
- Hard tread rolls easily and offers high abrasion resistance.
- Tread face is precisely machined for a smooth, central ride, tread edge is machined round.
- Hardness: Brinell 145
- Tensile strength of 30,000 PSI.
- Temperature range: -45° F to 600° F.

| Wheel Diameter | Tread Width | Hub Length | Load Capacity | Hub Design Type | Part Number | Replace ** with desired bearing code. | | |
|----------------|-------------|------------|---------------|-----------------|-------------|---------------------------------------|-----------------|-----------------|
| | | | | | | Plain Bore | Roller Bearings | Delrin Bearings |
| 2 | 7/8 | 1 | 200 | C | SS20CS** | 80 | | |
| 2.5 | 7/8 | 1 | 250 | C | SS25CS** | 81 | | |
| 3 | 1-1/4 | 1-9/16 | 300 | C3 | SS30GS** | 82,83 | | |
| 4 | 1-1/4 | 1-9/16 | 300 | C3 | SS40GS** | 82,83 | | |
| 5 | 1-1/4 | 1-9/16 | 350 | C3 | SS50GS** | 82 | | |
| 5 | 1-1/4 | 1-9/16 | 350 | C4 | SS50GS** | 83 | | |
| 3.25 | 1-1/2 | 1-5/8 | 400 | C | SS34HS** | 84 | 01,03 | |
| 3.25 | 2 | 2-3/16 | 700 | C | SS34JS** | 84 | 02,04,09,92 | |
| 4 | 1-1/2 | 1-5/8 | 600 | C4 | SS40HS** | 83,84 | 01,03 | 56,57,11,12 |
| 4 | 2 | 2-3/16 | 700 | C3 | SS40JS** | 84 | 02,04,09,92 | 56,57,11,12 |
| 5 | 1-1/2 | 1-5/8 | 600 | C4 | SS50HS** | 84 | 01,03 | 56,57,11,12 |
| 5 | 2 | 2-3/16 | 1000 | C | SS50JS** | 84 | 02,04,09,92 | 56,57,11,12 |
| 6 | 1-1/2 | 1-5/8 | 700 | C5 | SS60HS** | 84 | 01,03 | 56,57,11,12 |
| 6 | 2 | 2-3/16 | 1200 | C4 | SS60JS** | 84 | 02,04,09,92 | 56,57,11,12 |
| 6 | 2-1/2 | 2-3/4 | 1600 | C5 | SS60KS** | 84 | 06 | |
| 6 | 2-1/2 | 2-3/4 | 1800 | C5 | SS60KS** | 85 | 23,25 | |
| 6 | 2-1/2 | 3-1/4 | 1800 | S4 | SS60QS** | 85 | 24,26 | |
| 6 | 3 | 3-1/4 | 2500 | S4 | SS60LS** | 85 | 24,26 | |
| 8 | 2 | 2-3/16 | 1400 | C6 | SS80JS** | 84 | 02,04,09,92 | 56,57,11,12 |
| 8 | 2-1/2 | 2-3/4 | 1600 | S6 | SS80KS** | 84 | 06 | |
| 8 | 2-1/2 | 2-3/4 | 1800 | S6 | SS80KS** | 85 | 23,25 | |
| 8 | 2-1/2 | 3-1/4 | 1800 | S6 | SS80QS** | 85 | 24,26 | |
| 8 | 3 | 3-1/4 | 2500 | S6 | SS80LS** | 85 | 24,26 | |
| 10 | 2-1/2 | 2-3/4 | 1700 | S5 | SS10KS** | 84 | 06 | |
| 10 | 2-1/2 | 2-3/4 | 2000 | S5 | SS10KS** | 85 | 23,25 | |
| 10 | 2-1/2 | 3-1/4 | 2000 | S5 | SS10QS** | 85 | 24,26 | |
| 10 | 3 | 3-1/4 | 2500 | S5 | SS10LS** | 85 | 24,26 | |
| 12 | 2-1/2 | 2-3/4 | 2000 | S5 | SS12KS** | 85 | 23,25 | |
| 12 | 2-1/2 | 3-1/4 | 2000 | S5 | SS12QS** | 85 | 24,26 | |
| 12 | 3 | 3-1/4 | 2500 | S5 | SS12LS** | 85 | 24,26 | |

Hub Designs: Wheels in various diameters and tread widths have different hub designs & number of spokes. Chart to the left, lists each wheels hub design type.



Wheels: HEAVY-DUTY SEMI-STEEL



- Higher Capacity than SS
- Thicker tread, stronger spokes & larger hub diameter.
- Sealed precision bearings increase mobility and require no maintenance.

| Wheel Dia. | Tread Width | Hub Length | Load Cap. | Hub Design Type | Part Number | Replace ** with bearing code. | | |
|------------|-------------|------------|-----------|-----------------|-------------|-------------------------------|-----------------|-----------------------|
| | | | | | | Plain Bore | Roller Bearings | Sealed Prec. Bearings |
| 4 | 2 | 2-3/16 | 900 | C4 | HS40JS** | 84 | 02,04,09,92 | 63 |
| 5 | 2 | 2-3/16 | 1200 | S4 | HS50JS** | 84 | 02,04,09,92 | 63 |
| 6 | 2 | 2-3/16 | 1400 | S6 | HS60JS** | 84 | 02,04,09,92 | 63 |
| 8 | 2 | 2-3/16 | 1600 | S6 | HS80JS** | 84 | 02,04,09,92 | 63 |

Bore & Bearing Sizes

| Bearing or Bore Code | 01 | 02 | 03 | 04 | 06 | 09 | 11 | 12 | 56 | 57 | 23 | 24 | 25 | 26 | 63 | 80 | 81 | 82 | 83 | 84 | 85 | 92 |
|----------------------|-----------------|-----|-----|-----|-----|--------------|---------------------|---------------------|-----------------|-----|----|----|---------------------------|------------|-----|-----|------|-----|-----|--------|----------------------|-----|
| Bearing or Bore Type | Roller Bearings | | | | | Caged Roller | 1 PC Delrin Bearing | 2 PC Delrin Bearing | Roller Bearings | | | | Sealed Prec BB w/top hats | Plain Bore | | | | | | | 3/4 Roller w/Bushing | |
| Inner Diameter | 5/8 | 5/8 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 1/2 | 1/2 | 3/4 | 1 | 1 | 1-1/4 | 1-1/4 | 1/2 | 1/4 | 5/16 | 3/8 | 1/2 | 1-3/16 | 1-15/16 | 1/2 |