

## SS – SEMI-STEEL WHEELS



- Precisely machined semi-steel wheels
- Hardness: Brinell 145
- Tensile strength of 30,000 PSI
- Temperature range: -45°F to 600°F

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

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Hub Design Type	Part #	Replace** with desired Bearing Code.		
						Plain Bore	Roller Bearings	Delrin Bearings
2	1	1-1/8	250	C	SS20DS**	80, 81		
2.5			C	SS25DS**	81			
3	1-1/4	1-9/16	350	C3	SS30GS**	82, 83		
3.25	1-1/2	1-5/8	400	C	SS34HS**	84	01, 03	
	2	2-3/16	700	C	SS34JS**	84	02, 04, 09, 92	11, 12, 56, 57
3.5	1-1/4	1-9/16	400	C3	SS35GS82			
4	1-1/4	1-9/16	350	C3	SS40GS**	82, 83	01, 03	
	1-1/2	1-5/8	600	C4	SS40HS**	83, 84		11, 12, 56, 57
	2	2-3/16	700	C3	SS40JS**	84	02, 04, 09, 92	11, 12, 56, 57
5	1-1/4	1-9/16	400	C3	SS50GS**	82, 83		
	1-1/2	1-5/8	600	C4	SS50HS**	84	01, 03	11, 12, 56, 57
	2	2-3/16	1000	C	SS50JS**	84	02, 04, 09, 92	11, 12, 56, 57
6	1-1/2	1-5/8	700	C5	SS60HS**	84	01, 03	11, 12, 56, 57
	2	2-3/16	1200	C4	SS60JS**	84	02, 04, 09, 92	11, 12, 56, 57
	2-1/2	2-3/4	1600	C5	SS60KS**	84	06	
			1800	C5	SS60KS**	85	23, 25	
			1800	S4	SS60QS**	85	24, 26	
3	3-1/4	2500	S4	SS60LS**	85	24, 26		
8	2	2-3/16	1400	C6	SS80JS**	84	02, 04, 09, 92	11, 12, 56, 57
	2-1/2	2-3/4	1600	S6	SS80KS**	84	06	
			1800	S6	SS80KS**	85	23, 25	
			1800	S6	SS80QS**	85	24, 26	
	3	3-1/4	2500	S6	SS80LS**	85	24, 26	
10	2-1/2	2-3/4	1700	S5	SS10KS**	84	06	
			2000	S5	SS10KS**	85	23, 25	
	3	3-1/4	2000	S5	SS10QS**	85	24, 26	
			2500	S5	SS10LS**	85	24, 26	
12	2-1/2	2-3/4	2000	S5	SS12KS**	85	23, 25	
			2000	S5	SS12QS**	85	24, 26	
	3	3-1/4	2500	S5	SS12LS**	85	24, 26	

HUB DESIGN OPTIONS	
	
TYPE C Solid Core	TYPE C3 Solid 3 Spoke
	
TYPE C4 Solid 4 Spoke	TYPE S4 4 Spokes
	
TYPE C5 Solid 5 Spoke	TYPE S5 5 Spokes
	
TYPE C6 Solid 6 Spoke	TYPE S6 6 Spokes

BEARING CODES		
Code	Type	Bore I. D.
80	PLAIN BORE	1/4
81		5/16
82		3/8
83		1/2
84		1-3/16
85		1-15/16
01	ROLLER BEARING	5/8
02		5/8
03		3/4
04		3/4
06		3/4
09	CAGED ROLLER BEARING	3/4
23	ROLLER BEARING	1
24		1
25		1-1/4
26		1-1/4
92	04 ROLLER WITH 1/2 SPANNER	1/2
11	1 PC - DELRIN	3/4
12		1/2
56	2 PC - DELRIN	1/2
57		3/4