








Thread Charts

Thread	Consumption	Name	Brother	Country Isacord	Polyest	Robison-Anton	Rayon
1 	26.7% (25.9 ft)	Peach		025	1351		2258
2 	51.8% (50.4 ft)	Brass		414	1115		2201
3 	3.8% (3.7 ft)	Dark Olive Green		255	0945		2477
4 	0.5% (0.5 ft)	White		000	0015		2403
5 	4.0% (3.9 ft)	Gray		745	1972		2483
6 	11.8% (11.4 ft)	Warm Red		158	1800		2263
7 	1.4% (1.3 ft)	Bright Green		446	5934		2209








Upper thread 97.2 ft  
 Bobbin 32.4 ft

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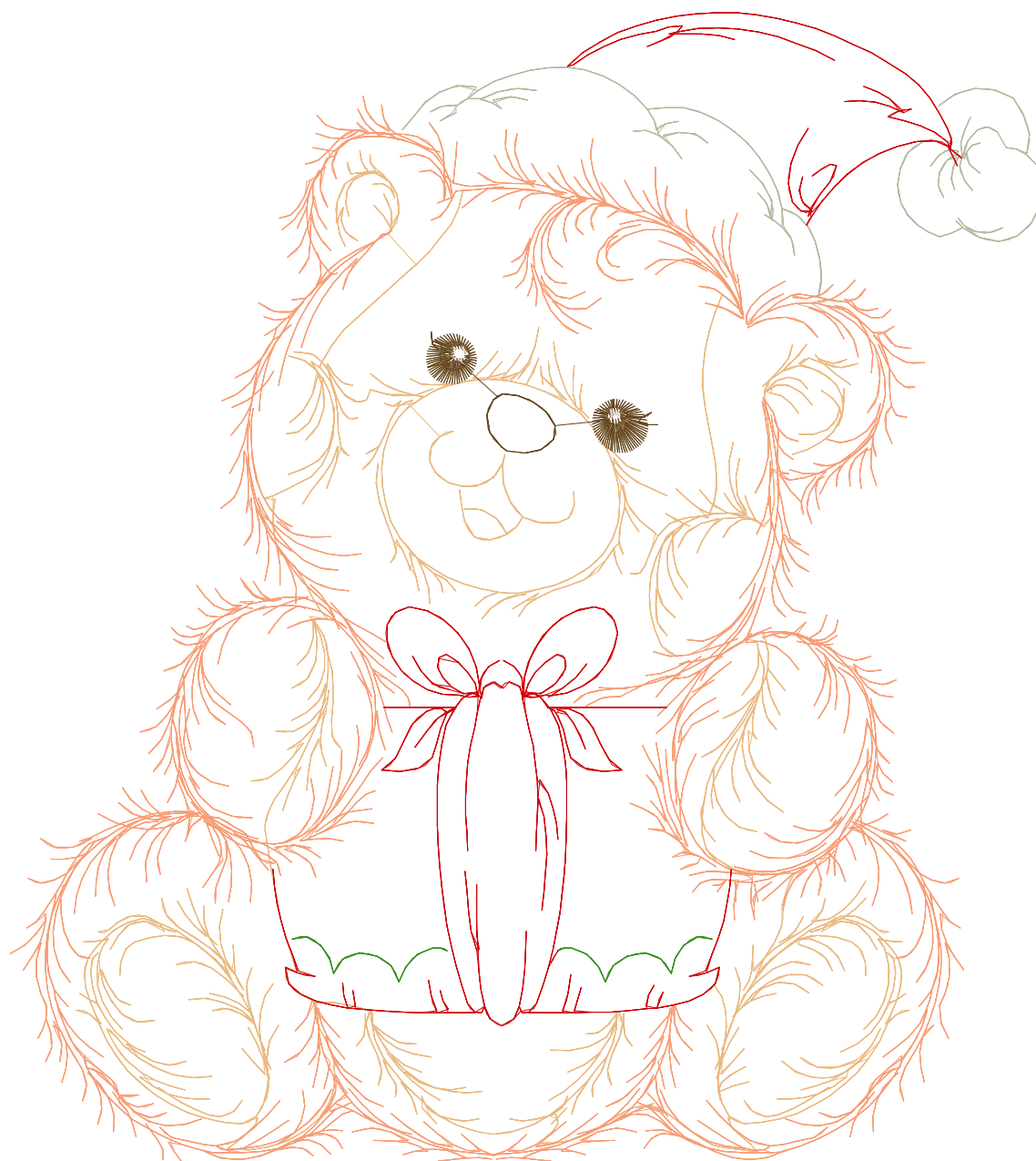


Thread Charts








Thread	Consumption	Name	Brother	Country	Isacord	Polyest	Robison-Anton	Rayon
1 	28.9% (55.0 ft)	Peach		025		1351		2258
2 	53.6% (101.9 ft)	Cadmium Orange		322		1840		2294
3 	3.4% (6.5 ft)	Gray		745		1972		2483
4 	1.1% (2.1 ft)	Bright Green		446		5934		2209
5 	10.0% (19.1 ft)	Warm Red		158		1800		2263
6 	2.8% (5.2 ft)	Dark Olive Green		255		0945		2477
7 	0.2% (0.4 ft)	White		000		0015		2403

Upper thread 190.1 ft  
 Bobbin 63.4 ft

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Thread Charts

Thread	Consumption	Name	Brother	Country	Isacord	Polyest	Robison-Anton	Rayon
1 	28.8% (66.1 ft)	Peach		025		1351		2258
2 	53.4% (122.5 ft)	Cadmium Orange		322		1840		2294
3 	3.4% (7.8 ft)	Gray		745		1972		2483
4 	1.1% (2.5 ft)	Bright Green		446		5934		2209
5 	10.0% (22.8 ft)	Warm Red		158		1800		2263
6 	3.1% (7.2 ft)	Dark Olive Green		255		0945		2477
7 	0.2% (0.4 ft)	White		000		0015		2403

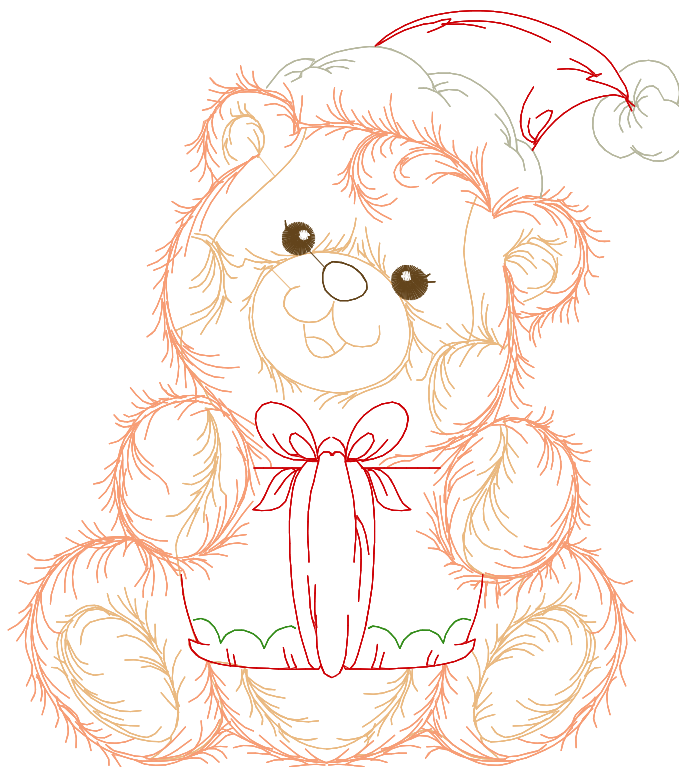
Upper thread 229.4 ft

Bobbin 76.5 ft

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Thread Charts

Thread	Consumption	Name	Brother	Country Isacord	Polyest	Robison-Anton	Rayon
1	20.7% (33.9 ft)	Peach	025		1351		2258
2	3.4% (5.6 ft)	Gray	745		1972		2483
3	51.7% (84.4 ft)	Brass	414		1115		2201
4	6.6% (10.8 ft)	Warm Red	158		1800		2263
5	4.5% (7.3 ft)	Sunflower	336		0706		2466
6	6.9% (11.2 ft)	Bright Green	446		5934		2209
7	3.4% (5.5 ft)	Baby Blue	512		3910		2310
8	2.6% (4.3 ft)	Dark Olive Green	255		0945		2477
9	0.2% (0.4 ft)	White	000		0015		2403

Upper thread 163.4 ft  
 Bobbin 54.5 ft

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Thread Charts









Thread	Consumption	Name	Brother	Country	Isacord	Polyester	Robison-Anton	Rayon
1	20.6% (43.0 ft)	Peach	025		1351		2258	
2	3.4% (7.1 ft)	Gray	745		1972		2483	
3	51.4% (107.2 ft)	Brass	414		1115		2201	
4	6.6% (13.7 ft)	Warm Red	158		1800		2263	
5	4.4% (9.3 ft)	Sunflower	336		0706		2466	
6	6.8% (14.2 ft)	Bright Green	446		5934		2209	
7	3.4% (7.0 ft)	Baby Blue	512		3910		2310	
8	3.1% (6.4 ft)	Dark Olive Green	255		0945		2477	
9	0.2% (0.5 ft)	White	000		0015		2403	

Upper thread 208.4 ft  
 Bobbin 69.5 ft

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Thread Charts

Thread	Consumption	Name	Brother	Country Isacord	Polyester	Robison-Anton	Rayon
1 	24.2% (33.2 ft)	Peach	025		1351		2258
2 	3.9% (5.3 ft)	Gray	745		1972		2483
3 	34.6% (47.5 ft)	Brass	414		1115		2201
4 	4.3% (5.9 ft)	Bright Green	446		5934		2209
5 	16.2% (22.3 ft)	Warm Red	158		1800		2263
6 	14.2% (19.4 ft)	Sunflower	336		0706		2466
7 	2.3% (3.2 ft)	Dark Olive Green	255		0945		2477
8 	0.3% (0.4 ft)	White	000		0015		2403

Upper thread 137.3 ft  
 Bobbin 45.8 ft

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Thread Charts

Thread	Consumption	Name	Brother	Country	Isacord	Polyest	Robison-Anton	Rayon
1	24.2% (39.9 ft)	Peach		025		1351		2258
2	3.9% (6.4 ft)	Gray		745		1972		2483
3	34.5% (56.9 ft)	Brass		414		1115		2201
4	4.3% (7.0 ft)	Bright Green		446		5934		2209
5	16.1% (26.6 ft)	Warm Red		158		1800		2263
6	14.1% (23.2 ft)	Sunflower		336		0706		2466
7	2.6% (4.3 ft)	Dark Olive Green		255		0945		2477
8	0.3% (0.4 ft)	White		000		0015		2403

Upper thread 164.9 ft  
 Bobbin 55.0 ft

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Thread Charts

Thread	Consumption	Name	Brother	Country Isacord	Polyest	Robison-Anton	Rayon
1	2.1% (6.3 ft)	Gray	745	1972	2483		
2	15.8% (47.1 ft)	Peach	025	1351	2258		
3	33.2% (99.4 ft)	Brass	414	1115	2201		
4	1.1% (3.3 ft)	Sunflower	336	0706	2466		
5	33.9% (101.2 ft)	Bright Green	446	5934	2209		
6	12.7% (37.8 ft)	Warm Red	158	1800	2263		
7	1.1% (3.4 ft)	Dark Olive Green	255	0945	2477		
8	0.1% (0.3 ft)	White	000	0015	2403		

Upper thread 298.9 ft  
 Bobbin 99.6 ft

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## Thread Charts

Thread	Consumption	Name	Brother	Country	Isacord	Polyest	Robison-Anton	Rayon
1	2.1% (5.9 ft)	Gray		745		1972		2483
2	15.8% (43.9 ft)	Peach		025		1351		2258
3	33.2% (92.4 ft)	Brass		414		1115		2201
4	1.1% (3.1 ft)	Sunflower		336		0706		2466
5	33.9% (94.3 ft)	Bright Green		446		5934		2209
6	12.7% (35.3 ft)	Warm Red		158		1800		2263
7	1.1% (3.0 ft)	Dark Olive Green		255		0945		2477
8	0.1% (0.3 ft)	White		000		0015		2403

Upper thread 278.2 ft  
Bobbin 92.7 ft

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## Thread Charts

Thread	Consumption	Name	Brother	Country	Isacord	Polyest	Robison-Anton	Rayon
1	10.5% (15.6 ft)	Bright Green		446		5934		2209
2	8.8% (13.1 ft)	Gray		745		1972		2483
3	14.6% (21.7 ft)	Peach		025		1351		2258
4	36.6% (54.4 ft)	Cadmium Orange		322		1840		2294
5	22.8% (33.8 ft)	Warm Red		158		1800		2263
6	3.3% (5.0 ft)	Sunflower		336		0706		2466
7	3.2% (4.7 ft)	Dark Olive Green		255		0945		2477
8	0.2% (0.3 ft)	White		000		0015		2403

Upper thread 148.6 ft  
 Bobbin 49.5 ft

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## Thread Charts










Thread	Consumption	Name	Brother	Country	Isacord	Polyest	Robison-Anton	Rayon
1	10.5% (15.5 ft)	Bright Green	446		5934		2209	
2	8.8% (13.0 ft)	Gray	745		1972		2483	
3	14.6% (21.5 ft)	Peach	025		1351		2258	
4	36.6% (53.7 ft)	Cadmium Orange	322		1840		2294	
5	22.8% (33.5 ft)	Warm Red	158		1800		2263	
6	3.3% (4.9 ft)	Sunflower	336		0706		2466	
7	3.1% (4.6 ft)	Dark Olive Green	255		0945		2477	
8	0.2% (0.3 ft)	White	000		0015		2403	

Upper thread 146.9 ft  
 Bobbin 49.0 ft

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Thread Charts

Thread	Consumption	Name	Brother	Country Isacord	Polyester	Robison-Anton	Rayon
1 	5.7% (9.4 ft)	Warm Red	158		1800		2263
2 	16.8% (27.7 ft)	Baby Blue	512		3910		2310
3 	3.9% (6.4 ft)	Gray	745		1972		2483
4 	22.0% (36.1 ft)	Peach	025		1351		2258
5 	1.7% (2.8 ft)	Bright Orange	354		1120		2327
6 	43.1% (70.8 ft)	Brass	414		1115		2201
7 	4.1% (6.7 ft)	Bright Green	446		5934		2209
8 	2.6% (4.2 ft)	Dark Olive Green	255		0945		2477
9 	0.2% (0.3 ft)	White	000		0015		2403

Upper thread 164.4 ft  
 Bobbin 54.8 ft

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Thread Charts

Thread	Consumption	Name	Brother	Country	Isacord	Polyester	Robison-Anton	Rayon
1	5.7% (11.0 ft)	Warm Red		158		1800		2263
2	16.8% (32.3 ft)	Baby Blue		512		3910		2310
3	3.9% (7.5 ft)	Gray		745		1972		2483
4	21.9% (42.1 ft)	Peach		025		1351		2258
5	1.7% (3.2 ft)	Bright Orange		354		1120		2327
6	43.0% (82.9 ft)	Brass		414		1115		2201
7	4.1% (8.0 ft)	Bright Green		446		5934		2209
8	2.8% (5.4 ft)	Dark Olive Green		255		0945		2477
9	0.2% (0.4 ft)	White		000		0015		2403

Upper thread 192.8 ft  
 Bobbin 64.3 ft

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Thread Charts










Thread	Consumption	Name	Brother	Country	Isacord	Polyest	Robison-Anton	Rayon
1	3.2% (6.0 ft)	Baby Blue		512		3910		2310
2	10.1% (18.6 ft)	Warm Red		158		1800		2263
3	4.0% (7.3 ft)	Gray		745		1972		2483
4	19.6% (36.0 ft)	Peach		025		1351		2258
5	49.0% (90.2 ft)	Cadmium Orange		322		1840		2294
6	4.3% (8.0 ft)	Bright Green		446		5934		2209
7	7.0% (12.8 ft)	Sunflower		336		0706		2466
8	2.6% (4.9 ft)	Dark Olive Green		255		0945		2477
9	0.2% (0.3 ft)	White		000		0015		2403

Upper thread 184.1 ft  
 Bobbin 61.4 ft

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Thread Charts

Thread	Consumption	Name	Brother	Country	Isacord	Polyest	Robison-Anton	Rayon
1 	3.2% (6.2 ft)	Baby Blue		512		3910		2310
2 	10.1% (19.5 ft)	Warm Red		158		1800		2263
3 	4.0% (7.6 ft)	Gray		745		1972		2483
4 	19.6% (37.6 ft)	Peach		025		1351		2258
5 	49.0% (94.1 ft)	Cadmium Orange		322		1840		2294
6 	4.3% (8.3 ft)	Bright Green		446		5934		2209
7 	7.0% (13.4 ft)	Sunflower		336		0706		2466
8 	2.7% (5.2 ft)	Dark Olive Green		255		0945		2477
9 	0.2% (0.3 ft)	White		000		0015		2403

Upper thread 192.1 ft  
 Bobbin 64.0 ft

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Thread Charts

Thread	Consumption	Name	Brother	Country	Isacord	Polyester	Robison-Anton	Rayon
1	4.7% (8.7 ft)	Gray	745		1972		2483	
2	25.1% (46.6 ft)	Peach	025		1351		2258	
3	58.4% (108.7 ft)	Cadmium Orange	322		1840		2294	
4	1.2% (2.3 ft)	Bright Green	446		5934		2209	
5	6.4% (11.9 ft)	Warm Red	158		1800		2263	
6	0.7% (1.2 ft)	Sunflower	336		0706		2466	
7	3.3% (6.2 ft)	Dark Olive Green	255		0945		2477	
8	0.3% (0.5 ft)	White	000		0015		2403	

Upper thread 186.1 ft  
 Bobbin 62.0 ft

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## Thread Charts









Thread	Consumption	Name	Brother	Country	Isacord	Polyester	Robison-Anton	Rayon
1	4.7% (9.7 ft)	Gray		745		1972		2483
2	25.0% (51.9 ft)	Peach		025		1351		2258
3	58.3% (120.9 ft)	Cadmium Orange		322		1840		2294
4	1.2% (2.6 ft)	Bright Green		446		5934		2209
5	6.4% (13.2 ft)	Warm Red		158		1800		2263
6	0.6% (1.3 ft)	Sunflower		336		0706		2466
7	3.6% (7.4 ft)	Dark Olive Green		255		0945		2477
8	0.3% (0.6 ft)	White		000		0015		2403

Upper thread 207.5 ft  
 Bobbin 69.2 ft

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Thread Charts









Thread	Consumption	Name	Brother	Country Isacord	Polyester	Robison-Anton	Rayon
1 	9.6% (16.1 ft)	Warm Red	158		1800		2263
2 	4.0% (6.7 ft)	Gray	745		1972		2483
3 	1.9% (3.3 ft)	Sunflower	336		0706		2466
4 	2.7% (4.5 ft)	Bright Green	446		5934		2209
5 	22.7% (38.1 ft)	Peach	025		1351		2258
6 	53.5% (89.7 ft)	Brass	414		1115		2201
7 	4.3% (7.3 ft)	Baby Blue	512		3910		2310
8 	1.2% (2.0 ft)	Dark Olive Green	255		0945		2477

Upper thread 167.7 ft  
 Bobbin 55.9 ft

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Thread Charts

Thread	Consumption	Name	Brother	Country	Isacord	Polyest	Robison-Anton	Rayon
1 	9.6% (17.4 ft)	Warm Red	158		1800		2263	
2 	4.0% (7.3 ft)	Gray	745		1972		2483	
3 	1.9% (3.5 ft)	Sunflower	336		0706		2466	
4 	2.7% (4.9 ft)	Bright Green	446		5934		2209	
5 	22.7% (41.3 ft)	Peach	025		1351		2258	
6 	53.5% (97.1 ft)	Brass	414		1115		2201	
7 	4.4% (7.9 ft)	Baby Blue	512		3910		2310	
8 	1.2% (2.2 ft)	Dark Olive Green	255		0945		2477	

Upper thread 181.5 ft  
 Bobbin 60.5 ft

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Thread Charts

Thread	Consumption	Name	Brother	Country Isacord	Polyester	Robison-Anton	Rayon
1	4.2% (7.9 ft)	Baby Blue	512	3910	2310		
2	2.6% (4.8 ft)	Gray	745	1972	2483		
3	9.9% (18.5 ft)	Peach	025	1351	2258		
4	21.2% (39.6 ft)	Cadmium Orange	322	1840	2294		
5	1.3% (2.4 ft)	Brass	414	1115	2201		
6	51.3% (95.7 ft)	Bright Green	446	5934	2209		
7	6.1% (11.4 ft)	Warm Red	158	1800	2263		
8	2.2% (4.2 ft)	Sunflower	336	0706	2466		
9	1.2% (2.2 ft)	Dark Olive Green	255	0945	2477		

Upper thread 186.7 ft  
 Bobbin 62.2 ft

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## Thread Charts

Thread	Consumption	Name	Brother	Country Isacord	Polyest	Robison-Anton	Rayon
1	4.2% (9.9 ft)	Baby Blue		512	3910		2310
2	2.6% (6.0 ft)	Gray		745	1972		2483
3	9.9% (23.3 ft)	Peach		025	1351		2258
4	21.2% (50.0 ft)	Cadmium Orange		322	1840		2294
5	1.3% (3.0 ft)	Brass		414	1115		2201
6	51.2% (120.6 ft)	Bright Green		446	5934		2209
7	6.1% (14.3 ft)	Warm Red		158	1800		2263
8	2.2% (5.2 ft)	Sunflower		336	0706		2466
9	1.4% (3.2 ft)	Dark Olive Green		255	0945		2477

Upper thread 235.6 ft

Bobbin 78.5 ft








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Thread Charts

Thread	Consumption	Name	Brother	Country	Isacord	Polyest	Robison-Anton	Rayon
1 	3.6% (7.3 ft)	Gray		745		1972		2483
2 	23.9% (48.8 ft)	Peach		025		1351		2258
3 	54.9% (112.1 ft)	Brass		414		1115		2201
4 	9.0% (18.4 ft)	Sunflower		336		0706		2466
5 	5.2% (10.6 ft)	Warm Red		158		1800		2263
6 	2.6% (5.4 ft)	Bright Green		446		5934		2209
7 	0.8% (1.6 ft)	Dark Olive Green		255		0945		2477

Upper thread 204.2 ft

Bobbin 68.1 ft

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Thread Charts

Thread	Consumption	Name	Brother	Country	Isacord	Polyest	Robison-Anton	Rayon
1	3.6% (7.2 ft)	Gray	745		1972		2483	
2	23.9% (48.3 ft)	Peach	025		1351		2258	
3	54.9% (111.1 ft)	Brass	414		1115		2201	
4	9.0% (18.2 ft)	Sunflower	336		0706		2466	
5	5.2% (10.5 ft)	Warm Red	158		1800		2263	
6	2.7% (5.4 ft)	Bright Green	446		5934		2209	
7	0.8% (1.6 ft)	Dark Olive Green	255		0945		2477	

Upper thread 202.3 ft

Bobbin 67.4 ft

This documentation was created with Embird 2004 software registered to Shane Reynolds.  
 For more information regarding Embird 2004 please visit web site at <http://www.embirdusa.com>.  
 Note: These are the closest threads Embird 2004 was able to find. They might differ from the real colors in some cases.

