

SUPERIOR THREADS

INNOVA

THREAD TENSION GUIDE FOR TOP AND BOTTOM THREADS

THREAD	NEEDLE SIZE	TOWA BOBBIN TENSION	SUPERIOR TOP THREAD TENSION GAUGE (oz)	NOTES
Art Studio Colors	#18 or # 19 (MR 4.0 - 4.5)	140-170	7-8	40 wt. high-sheen polyester.
Bottom Line	#14 (MR 3.0)	170-200	4.5-5.5	60 wt. polyester for bobbin & quilting.
New Brytes	#19 to #21 (MR 4.5 - 5.0)	170-200	8.5-9.5	#30/3-ply lint-free polyester.
Glitter*	#21 (MR 5.0)	170-200	9-10	Reduce speed. Does not test well on tension guide.
Highlights	#18 or #19 (MR 4.0 - 4.5)	140-170	7-8	40 wt. high-sheen polyester.
King Tut	#18 or #19 (MR 4.0 - 4.5)	150-180	8-9	#40/3-ply ELS cotton.
LAVA	#19 to #21 (MR 4.5 - 5.0)	170-200	8-9	35 wt. polyester.
Living Colors*	#18 or #19 (MR 4.0 - 4.5)	140-170	7-8	40 wt. high-sheen polyester.
MasterPiece	#16 (MR 3.5)	170-200	4.5-5.5	#50 ELS cotton. New MP3 (MasterPiece #50/3ply) is suitable for detail quilting
Metallic	#19 (MR 4.5)	170-200	9-10	40 wt. New needle.Slow down.Does not test well on guide.
MonoPoly*	#14 (MR 3.0)	150-180	8-9	Polyester filament thread.Reduce speed. Go around main tension guide 2 1/2 times.
Nature Colors*	#18 or #19 (MR 4.0 - 4.5)	140-170	7-8	40 wt. high-sheen polyester.
NiteLite Extra Glow	#18 or #19 (MR 4.0 - 4.5)	140-170	7.5-8.5	40 wt. polyester. Slow down
Omni (NEW)	#18 (MR 4.0)	170-200	10-11	Tex 30 Poly-wrapped polyester core.
Poly Quilter	#21 (MR 5.0)	150-180	10-11	#30/3-ply polyester.
Rainbows	#18 or #19 (MR 4.0 - 4.5)	140-170	7-8	40 wt. high-sheen polyester.
Silk (#100)	#14 (MR 3.0)	170-200	9-10	#100 Japanese Silk.
So Fine!	#16 (MR 3.5)	170-200	4.5-5.5	#50/3-ply polyester.
SunBurst*	#18 or #19 (MR 4.0 - 4.5)	150-180	7-8	40 wt. polyester. Reduce speed.
Super Brights*	#18 or #19 (MR 4.0 - 4.5)	140-170	7-8	40 wt. high-sheen polyester.
Vanish Extra	#18 or #19 (MR 4.0 - 4.5)	140-170	7.5-8.5	Water soluble thread. Use as upper thread and bobbin thread together.

* Not available in cones. Use the 4-hole upright tension guide as a spool adapter. Thread must unwind straight from the side of the spool.

All thread testing was done with prewound SuperBOBs (Bottom Line) bobbins.