

Article: 16-1  
Nominal count: 16 Nec (f/y:1)  
Force limit: not used  
Comments: Rifa-1

Speed: 5000 mm/min  
Elong. limit: not used

N. samples: 5 each 10 tests  
Init. length: 500 mm  
Customer: KHIVA TEXTIL

Material: Cotton  
Pretension: 0.5 cN/tex

Material type: Weaving

Bobbin	Machine's name	Count Abs. [Nec]	Out of lim.	Time [sec]	TEN. Min. [RKM]	TEN. Avg. [RKM]	TEN. Max. [RKM]	TEN. CV%	TEN. Q95%	TEN. Q99%	TEN. Min. [cN/tex]	TEN. Avg. [cN/tex]	TEN. Max. [cN/tex]	TEN. CV%	TEN. Q95%	TEN. Q99%
1/5	381	0.00	0	0.49	11.49	12.40	13.28	5.04	0.39	0.51	11.27	12.16	13.02	5.04	0.38	0.50
2/5	382	0.00	0	0.51	11.08	12.80	13.93	6.66	0.53	0.69	10.87	12.55	13.66	6.66	0.52	0.68
3/5	383	0.00	0	0.50	10.59	11.69	12.46	5.47	0.40	0.52	10.39	11.46	12.22	5.47	0.39	0.51
4/5	384	0.00	0	0.51	10.78	11.91	12.68	4.73	0.35	0.46	10.57	11.68	12.43	4.73	0.34	0.45
5/5	385	0.00	0	0.51	10.54	11.65	12.41	4.87	0.35	0.46	10.34	11.43	12.17	4.87	0.34	0.45
Min.				0.49	10.54	11.65	12.41	4.73	0.35	0.46	10.34	11.43	12.17	4.73	0.34	0.45
Avg.				0.50	10.90	12.09	12.95	5.35	0.40	0.53	10.69	11.86	12.70	5.35	0.39	0.52
Max.				0.51	11.49	12.80	13.93	6.66	0.53	0.69	11.27	12.55	13.66	6.66	0.52	0.68
CV%				1.98	3.61	4.11	4.99	14.59	18.32	17.94	3.61	4.10	4.99	14.59	18.79	18.28
Q95%				0.01	0.35	0.44	0.57	0.68	0.06	0.08	0.34	0.43	0.56	0.68	0.06	0.08
Q99%				0.01	0.45	0.57	0.75	0.90	0.09	0.11	0.45	0.56	0.73	0.90	0.09	0.11

Bobbin	Machine's name	Count Abs. [Nec]	Out of lim.	Time [sec]	FORCE Min. [gf]	FORCE Avg. [gf]	FORCE Max. [gf]	FORCE CV%	FORCE Q95%	FORCE Q99%	ELONGA. Min. [%]	ELONGA. Avg. [%]	ELONGA. Max. [%]	ELONGA. CV%	ELONGA. Q95%	ELONGA. Q99%
1/5	381	0.00	0	0.49	424.00	457.70	490.00	5.04	14.30	18.82	6.80	7.42	7.80	4.13	0.19	0.25
2/5	382	0.00	0	0.51	409.00	472.40	514.00	6.66	19.49	25.65	7.02	7.89	8.54	5.46	0.27	0.35
3/5	383	0.00	0	0.50	391.00	431.50	460.00	5.47	14.62	19.25	6.85	7.55	7.96	4.86	0.23	0.30
4/5	384	0.00	0	0.51	398.00	439.70	468.00	4.73	12.90	16.98	6.96	7.66	8.41	5.92	0.28	0.37
5/5	385	0.00	0	0.51	389.00	430.10	458.00	4.87	12.98	17.09	7.19	7.91	8.74	5.11	0.25	0.33
Min.				0.49	389.00	430.10	458.00	4.73	12.90	16.98	6.80	7.42	7.80	4.13	0.19	0.25
Avg.				0.50	402.20	446.28	478.00	5.35	14.86	19.56	6.96	7.69	8.29	5.10	0.24	0.32
Max.				0.51	424.00	472.40	514.00	6.66	19.49	25.65	7.19	7.91	8.74	5.92	0.28	0.37
CV%				1.98	3.60	4.10	4.98	14.59	18.18	18.17	2.20	2.77	4.78	13.17	14.66	14.66
Q95%				0.01	12.69	16.02	20.85	0.68	2.37	3.11	0.13	0.19	0.35	0.59	0.03	0.04
Q99%				0.01	16.71	21.09	27.45	0.90	3.12	4.10	0.18	0.25	0.46	0.77	0.04	0.05

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**Elong. limit:** not used

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**Init. lenght:** 500 mm  
**Customer:** KHIVA TEXTIL

**Material:** Cotton  
**Pretension:** 0.5 cN/tex

**Material type:** Weaving

### F-E for all tests

