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SLIDER TYPE RANDOM WINDING HEAD / SHUTTLE WIRE CAPACITY

AWG. WIRE RANGE	TURNS FEET / METERS	TABLE FOR SHUTTLE WIRE CAPACITY IN SHUTTLE TURNS, FEET, AND METERS			
		#2 SUBMINIATURE HEAD 3 1/2" DIA. 88.90 MM			
		.050" 1.27	.060" 1.52	0.90" 2.28	.120" 3.05
#30 0.254 mm	T F / M				14 13 / 3.9
#31 0.226 mm	T F / M				16 15 / 4.5
#32 0.201 mm	T F / M				20 18 / 5.4
#33 0.179 mm	T F / M				25 23 / 7.0
#34 0.160 mm	T F / M			13 12 / 3.6	32 30 / 9.1
#35 0.142 mm	T F / M			20 18 / 5.4	48 44 / 13.4
#36 0.127 mm	T F / M			27 25 / 7.6	65 60 / 18.2
#37 0.113 mm	T F / M			35 32 / 9.7	85 78 / 23.7
#38 0.100 mm	T F / M	13 12 / 3.6	19 17 / 5.1	63 58 / 17.6	107 98 / 29.8
#39 0.089 mm	T F / M	17 15 / 4.5	24 22 / 6.7	78 71 / 21.6	133 122 / 37.1
#40 0.079 mm	T F / M	21 19 / 5.7	30 27 / 8.2	98 89 / 27.1	167 153 / 46.6



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AWG. WIRE RANGE	TURNS FEET / METERS	TABLE FOR SHUTTLE WIRE CAPACITY IN SHUTTLE TURNS, FEET, AND METERS			
		#2 SUBMINIATURE HEAD 3 1/2" DIA. 88.90 MM			
		.050" 1.27	.060" 1.52	.090" 2.28	.120" 3.05
#41 0.071 mm	T F / M	26 24 / 7.3	37 34 / 10.3	122 111 / 33.8	208 111 / 33.8
#42 0.063 mm	T F / M	32 29 / 8.8	46 42 / 12.8	58 144 / 43.8	271 249 / 75.8
#43 0.056 mm	T F / M	41 37 / 11.2	58 53 / 16.1	192 175 / 53.3	236 299 / 91.1
#44 0.050 mm	T F / M	52 48 / 14.6	72 66 / 20.1	239 218 / 66.4	407 373 / 113
#45 0.044 mm	T F / M	64 59 / 18.0	90 82 / 25.0	300 274 / 183.5	510 467 / 142
#46 0.039 mm	T F / M	80 73 / 22.2	112 102 / 31.0	378 346 / 105	645 519 / 180
#47 0.035 mm	T F / M	101 93 / 28.3	140 128 / 39.0		
#48 0.031 mm	T F / M	126 116 / 35.3	176 161 / 49.0		
#49 0.028 mm	T F / M	159 146 / 44.5	220 201 / 61.2		
#50 0.025 mm	T F / M	199 183 / 55.7	276 252 / 76.8		



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SLIDER TYPE RANDOM WINDING HEAD / SHUTTLE WIRE CAPACITY

COIL HEIGHT		MAX. COIL O.D.		MINIMUM FINISHED COIL INSIDE DIAMETER (IN INCHES USING ROLLER TABLE OR CLAMP)			
				#2 SUBMINIATURE HEAD 3 1/2" DIA. 88.90 MM			
INCHES	MM	INCHES	MM	.050" 1.27	.060" 1.52	0.90" 2.28	.120" 3.05
1/8	3.17	1-1/8	28.57	.055 1.39	.065 1.65	.090 2.28	.130 3.30
1/4	6.35	1-1/8	28.57	.060 1.52	.070 1.77	.100 2.54	.035 3.42
3/8	9.52	1-1/8	28.57	.070 1.77	.080 2.03	.105 2.66	.140 3.55
1/2	12.70	1-1/8	28.57	.080 2.03	.090 2.28	.115 2.92	.145 3.68
5/8	15.87	1	25.40	.090 2.28	.100 2.54	.125 3.17	.155 3.95
3/4	19.05	7/8	22.22	.100 2.54	.105 2.66	.135 3.42	.170 4.31



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SLIDER CHART FOR RANDOM WINDING HEADS

HEAD	SHUTTLE	SLIDER	AWG	MM
#2 SUBMINIATURE HEAD	<i>.050" (#01-#03) 1.27</i> <i>.060" (#01-#04) 1.52</i> <i>.090" (#02-#07) 2.28</i> <i>.120" (#02-#085) 3.04</i>	#01	#50-#48	0.025-0.031
		#02	#47-#44	0.035-0.050
		#03	#43-#42	0.056-0.063
		#04	#41-#40	0.071-0.079
		#05	#39-#38	0.089-0.100
		#055	#38 TRI-FIL. 090 ONLY	#38 TRI-FIL. 0.100
		#06	#37-#36	0.113-0.127
		#07	#35-#34	0.142-0.160
		#08	#33-#30	0.179-0.254
		#085	#29	0.285