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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			
		#3 HEAD 3 3/4" DIA 95.25 MM			
		.160" 4.06	.200" 5.08	.250" 6.35	.320" 8.12
#23 0.573 mm	T F / M				27 27 / 8.2
#24 0.510 mm	T F / M				37 37 / 11.2
#25 0.454 mm	T F / M			26 26 / 7.9	55 55 / 16.7
#26 0.404 mm	T F / M			32 32 / 9.7	68 68 / 20.7
27 0.370 mm	T F / M			40 40 / 12.1	85 85 / 26.0
#28 0.321 mm	T F / M			50 50 / 15.2	105 105 / 32.0
#29 0.285 mm	T F / M			62 62 / 18.8	130 130 / 39.6
#30 0.254 mm	T F / M	33 33 / 10.0	56 56 / 10.0	78 78 / 23.7	161 161 / 49.0
#31 0.226 mm	T F / M	41 41 / 12.4	69 69 / 21.0	97 97 / 29.5	200 200 / 61.0
#32 0.201 mm	T F / M	51 51 / 15.5	84 84 / 25.6	120 120 / 36.5	248 248 / 75.5
#33 0.179 mm	T F / M	64 64 / 19.5	106 106 / 32.3	149 149 / 45.4	308 308 / 93.8



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		#3 HEAD 3 3/4" DIA 95.25 MM			
		.160" 4.06	.200" 5.08	.250" 6.35	.320" 8.12
#34 0.160 mm	T F / M	80 80 / 24.3	136 136 / 41.4	185 185 / 56.3	383 383 / 116
#35 0.142 mm	T F / M	100 100 / 30.4	170 170 / 51.8	230 230 / 70.1	475 475 / 144
#36 0.127 mm	T F / M	125 125 / 38.1	210 210 / 64.0	286 286 / 87.1	590 590 / 179
#37 0.113 mm	T F / M	156 156 / 47.5	255 255 / 77.7	355 355 / 108	730 730 / 222
#38 0.100 mm	T F / M	194 194 / 59.1	324 324 / 98.7	440 440 / 134	950 905 / 275
#39 0.089 mm	T F / M	240 240 / 73.1	400 400 / 122	545 545 / 166	1120 1120 / 341
#40 0.079 mm	T F / M	300 300 / 91.4	490 490 / 149	676 676 / 206	1390 1390 / 423
#41 0.071 mm	T F / M	375 375 / 114	607 607 / 185	840 840 / 256	1720 1720 / 524
#42 0.063 mm	T F / M	470 470 / 143	755 755 / 230	1040 1040 / 143	2150 2150 / 381
#43 0.056 mm	T F / M	580 580 / 176	938 938 / 286		
#44 0.050 mm	T F / M	720 720 / 219	1160 1160 / 353		



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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)			
				#3 HEAD 3 3/4" DIA 95.25 MM			
INCHES	MM	INCHES	MM	.160" 4.06	.200" 5.08	.250" 6.35	.320" 8.12
1/4	6.35	2-1/8	53.97	.200 5.08	.210 5.33	.260 6.60	.330 8.38
1/2	12.70	2-1/8	53.97	.220 5.58	.230 5.84	.280 7.11	.340 8.63
3/4	19.05	2-1/8	53.97	.240 6.09	.250 6.35	.300 7.62	.365 9.27
1	25.40	1-3/4	44.45	.270 6.85	.280 7.11	.330 8.38	.400 10.16
1-1/4	31.75	1-1/2	38.10	.305 7.74	.330 8.38	.375 9.52	.440 11.17
1-1/2	38.10	1-3/8	34.92	.350 8.89	.380 9.65	.420 10.66	.500 12.70



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SLIDER CHART FOR RANDOM WINDING HEADS

HEAD	SHUTTLE	SLIDER	AWG	MM
#3 HEAD	.160" 1.51	#1	#44-#42	0.050-0.063
		#2	#41-#38	0.071-0.100
		#3	#37-#34	0.113-0.160
		#4	#33-#30	0.179-0.254
		#5	#26-#29	0.404-0.285
	.200" 5.08	#6	#42-#40	0.063-0.079
		#7	#39-#36	0.089-0.127
		#8	#35-#32	0.142-0.201
		#9	#31-#28	0.226-0.321
		#10	#27-#25	0.360-0.454
	.320" 8.12	#19	#42-#40	0.063-0.079
		#20	#39-#36	0.089-0.127
		#21	#35-#32	0.142-0.201
		#22	#31-#28	0.226-0.321
		#23	#27-#25	0.36-0.454