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16" GEAR HEAD SHUTTLES CAPACITY (FEET / METERS)

SHUTTLE	3/8" / 9.52 mm	1/2" / 12.7 mm	5/8" / 15.88 mm	3/4" / 19.05 mm	7/8" / 22.22 mm	1" / 25.4 mm	1-1/4" / 31.75 mm	1.500" / 38.1 mm
WIRE SIZE	MIN F.I.D. 1.781"/45.2 mm	MIN F.I.D. 1.968"/49.9 mm	MIN F.I.D. 2.187"/55.5 mm	MIN F.I.D. 2.390"/60.7 mm	MIN F.I.D. 2.625"/66.6 mm	MIN F.I.D. 2.858"/72.6 mm	MIN F.I.D. 3.343"/84.9 mm	MIN F.I.D. 3.812"/96.8 mm
AWG / mm	FEET/METER	FEET/METER	FEET/METER	FEET/METER	FEET/METER	FEET/METER	FEET/METER	FEET/METER
#7 / 3.66 mm	43 / 13.1	51 / 15.5	67 / 20.4	79 / 24.1	98 / 29.9	127 / 38.7	157 / 47.8	197 / 60.1
#8 / 3.26 mm	59 / 18.0	67 / 20.4	98 / 29.9	127 / 38.7	142 / 43.3	158 / 48.2	178 / 54.2	216 / 65.8
#9 / 2.9 mm	74 / 22.5	87 / 26.5	141 / 43.0	158 / 48.2	182 / 55.5	206 / 62.8	237 / 72.2	284 / 86.6
#10 / 2.58 mm	74 / 22.5	114 / 34.7	166 / 50.6	198 / 60.4	232 / 70.7	265 / 80.8	304 / 92.7	387 / 118.0
#11 / 2.3 mm	119 / 36.3	147 / 44.8	210 / 64.0	253 / 77.1	287 / 87.5	325 / 99.1	410 / 125.0	474 / 144.5
#12 / 2.05 mm	150 / 45.7	190 / 57.9	262 / 79.9	325 / 99.1	371 / 113.1	416 / 126.8	497 / 151.5	605 / 184.4
#13 / 1.83 mm	190 / 57.9	237 / 72.2	324 / 98.8	404 / 123.2	459 / 139.9	514 / 156.7	633 / 193.0	792 / 241.4
#14 / 1.63 mm	237 / 72.2	301 / 91.7	404 / 123.2	503 / 153.3	590 / 179.9	653 / 199.1	784 / 239.0	958 / 292.1
#15 / 1.45 mm	297 / 90.5	388 / 118.3	506 / 154.2	625 / 190.5	704 / 214.6	819 / 249.7	950 / 289.6	1188 / 363.2
#16 / 1.29 mm	376 / 114.6	506 / 154.2	669 / 204.0	796 / 242.7	859 / 261.9	1025 / 312.5	1275 / 388.7	1496 / 456.1
#17 / 1.15 mm	471 / 143.6	673 / 205.2	851 / 259.4	1021 / 311.3	1116 / 340.2	1330 / 405.5	1584 / 482.9	1964 / 598.8
#18 / 1.02 mm	590 / 179.9	891 / 271.6	1100 / 335.3	1271 / 387.5	1449 / 441.8	1663 / 507.0	2067 / 630.2	2423 / 738.7
#19 / 0.91 mm	752 / 229.3	1207 / 368.0	1354 / 412.8	1603 / 488.7	1889 / 575.9	2079 / 633.8	2534 / 772.5	3009 / 917.4
#20 / 0.81 mm	942 / 287.2	1504 / 458.5	1694 / 516.5	1980 / 603.6	2380 / 725.6	2613 / 796.6	3136 / 956.1	3746 / 1142.1



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16" GEAR HEAD / MINIMUM FINISHED COIL ID WINDING ON CENTER LINE

SHUTTLE	3/8" / 9.52 mm	1/2" / 12.7 mm	5/8" / 15.88 mm	3/4" / 19.05 mm	7/8" / 22.22 mm	1" / 25.4 mm	1-1/4" / 31.75 mm	1-1/2" / 38.1 mm
COIL HEIGHT	INCHES/mm	INCHES/mm	INCHES/mm	INCHES/mm	INCHES/mm	INCHES/mm	INCHES/mm	INCHES/mm
1" / 25.4 mm	1.781 / 45.2	1.968 / 49.9	2.187 / 55.5	2.390 / 60.7	2.625 / 66.6	2.859 / 72.6	3.343 / 84.9	3.812 / 96.8
1-1/2" / 38.1 mm	1.812 / 46.0	2.000 / 50.8	2.218 / 56.3	2.406 / 61.1	2.640 / 67.0	2.875 / 73.0	3.359 / 85.3	3.828 / 97.2
2" / 50.8 mm	1.875 / 47.6	2.031 / 51.5	2.250 / 57.1	2.437 / 61.8	2.656 / 67.4	2.890 / 73.4	3.375 / 85.7	3.843 / 97.6
2-1/2" / 63.5 mm	1.906 / 48.4	2.062 / 52.3 2	2.281 / 57.9	2.468 / 62.6	2.687 / 68.2	2.906 / 73.8	3.390 / 86.1	3.859 / 98.0
3" / 76.2 mm	1.937 / 49.1	2.093 / 53.1	2.312 / 58.7	2.500 / 63.5	2.718 / 69.0	2.937 / 74.5	3.406 / 86.5	3.875 / 98.4
3-1/2" / 88.9 mm	2.000 / 50.8	2.125 / 53.9	2.343 / 59.5	2.531 / 64.2	2.750 / 69.8	2.968 / 75.3	3.437 / 87.2	3.906 / 99.2
4" / 101.6 mm	2.125 / 53.9	2.125 / 53.9	2.375 / 60.3	2.562 / 65.0	2.781 / 70.6	3.000 / 76.2	3.468 / 88.0	3.937 / 99.9
4-1/2" / 114.3 mm	2.218 / 56.3	2.218 / 56.3	2.437 / 61.8	2.625 / 66.6	2.812 / 71.8	3.031 / 76.9	3.500 / 88.9	3.968 / 100.7
5" / 127 mm	2.281 / 57.9	2.281 / 57.9	2.500 / 63.5	2.687 / 68.2	2.875 / 73.0	3.093 / 78.5	3.562 / 90.4	4.031 / 102.3
5-1/2" / 139.7 mm	2.375 / 60.3	2.375 / 60.3	2.562 / 65.0	2.750 / 69.8	2.937 / 74.5	3.125 / 79.3	3.593 / 91.2	4.062 / 103.1
6" / 152.4 mm	2.500 / 63.5	2.500 / 63.5	2.625 / 66.6	2.812 / 71.4	3.000 / 76.2	3.187 / 80.9	3.625 / 92.0	4.093 / 103.9
6-1/2" / 165.1 mm	2.625 / 66.6	2.625 / 66.6	2.687 / 68.2	2.875 / 73.0	3.062 / 77.7	3.250 / 82.5	3.687 / 93.6	4.156 / 105.5
7" / 177.8 mm	2.812 / 71.4	2.812 / 71.4	2.812 / 71.4	3.000 / 76.2	3.187 / 80.9	3.375 / 85.7	3.812 / 96.8	4.250 / 107.9