



10 Precision Road
Danbury, CT 06810 USA

T +1-203-792-6700
F +1-203-790-8645

E jovil@jovil.com
W www.jovil.com

14" DIAMETER GEAR HEAD STANDARD SERIES / MAGAZINE WIRE CAPACITY

WIRE RANGE		STANDARD SERIES - MAGAZINE WIDTH (INCHES AND MM)										
AWG mm	FEET METERS	5/32" 3.96 mm	1/4" 6.35 mm	5/16" 7.92 mm	3/8" 9.52 mm	1/2" 12.70 mm	5/8" 15.88 mm	3/4" 19.05 mm	7/8" 22.22 mm	1" 25.40 mm	1-1/4" 31.75 mm	1-1/2" 38.10 mm
#7 3.665	FEET METERS	17 5.2	26 7.9	33 10.0	38 11.6	45 13.7	59 18.0	70 21.3	87 26.5	112 34.1	139 42.5	174 53.2
#8 3.264	FEET METERS	21 6.4	33 10.0	41 12.4	52 15.8	59 18.0	87 26.5	112 34.1	126 38.4	140 42.7	157 47.8	191 58.5
#9 2.906	FEET METERS	25 7.6	41 12.4	53 16.1	66 20.1	77 23.5	126 38.4	140 42.7	161 49.0	182 55.5	209 63.8	251 76.7
#10 2.588	FEET METERS	32 9.7	53 16.1	67 20.4	84 25.6	101 30.8	147 44.8	175 53.3	205 62.5	234 71.3	268 81.9	342 104.2
#11 2.304	FEET METERS	43 13.1	67 20.4	85 25.9	105 32.0	130 39.6	186 56.7	224 68.3	253 77.1	287 87.5	362 110.3	418 127.4
#12 2.058	FEET METERS	50 15.2	83 25.2	106 32.3	133 40.5	168 51.2	232 70.7	287 87.5	328 99.9	367 111.8	439 133.8	534 162.7
#13 1.829	FEET METERS	63 19.2	107 32.6	135 41.1	168 51.2	210 64.0	287 87.5	357 108.8	382 116.4	455 138.6	558 170.0	698 212.7
#14 1.628	FEET METERS	77 23.5	137 41.7	169 58.9	210 64.0	266 81.0	358 109.1	445 135.6	491 149.6	577 175.8	691 210.6	844 257.2
#15 1.490	FEET METERS	98 29.8	171 52.1	214 65.2	263 80.2	343 104.5	449 136.8	553 168.5	588 179.2	722 220.0	837 255.1	1047 319.1
#16 1.290	FEET METERS	122 37.2	218 66.4	271 82.6	333 101.4	449 136.8	592 180.4	710 216.4	715 217.9	909 277.0	1123 342.2	1319 402.0
#17 1.150	FEET METERS	160 48.7	275 83.8	340 103.6	413 125.8	595 181.3	752 229.2	903 275.2	930 283.4	1179 359.3	1396 425.5	1731 527.6
#18 1.023	FEET METERS	199 60.6	349 106.3	434 132.2	520 158.4	790 240.7	975 297.1	1125 342.9	1280 390.1	1470 448.0	1821 555.0	2136 651.0
#19 0.911	FEET METERS	252 76.8	435 132.5	543 165.5	665 202.6	1067 325.2	1198 365.1	1420 432.8	1670 509.0	1835 559.3	2233 680.6	2652 808.3
#20 0.812	FEET METERS	318 96.9	553 168.5	687 209.3	832 253.5	1330 405.3	1530 466.3	1750 533.4	2110 643.1	2320 707.1	2764 842.4	3301 1006.1



10 Precision Road
Danbury, CT 06810 USA

T +1-203-792-6700
F +1-203-790-8645

E jovil@jovil.com
W www.jovil.com

14" DIAMETER GEAR HEAD STANDARD SERIES / MINIMUM FINISHED COIL INSIDE DIAMETER

COIL HT.	F.I.D.	STANDARD SERIES - MAGAZINE WIDTH (INCHES AND MM)										
		5/32" 3.96 mm	1/4" 6.35 mm	5/16" 7.92 mm	3/8" 9.52 mm	1/2" 12.70 mm	5/8" 15.88 mm	3/4" 19.05 mm	7/8" 22.22 mm	1" 25.40 mm	1-1/4" 31.75 mm	1-1/2" 38.10 mm
1" 25.4	INCH mm	1.562 39.6	1.562 39.6	1.625 41.2	1.750 44.4	2.000 50.8	2.250 57.1	2.437 61.8	2.687 68.2	2.875 73.0	3.375 85.7	3.875 98.4
1-1/2" 38.1	INCH mm	1.562 39.6	1.562 39.6	1.687 42.8	1.812 46.0	2.031 51.5	2.281 57.9	2.468 62.6	2.718 69.0	2.906 73.8	3.406 86.5	3.890 98.8
2" 50.8	INCH mm	1.562 39.6	1.625 41.2	1.750 44.4	1.875 47.6	2.062 52.3	2.312 58.7	2.500 63.5	2.750 69.8	2.937 74.5	3.437 87.2	3.906 99.2
2-1/2" 63.5	INCH mm	1.625 41.2	1.687 42.8	1.843 46.8	1.937 49.1	2.093 53.1	2.343 59.5	2.531 64.2	2.781 70.6	2.968 75.3	3.468 88.0	3.937 99.9
3" 76.2	INCH mm	1.687 42.8	1.750 44.4	1.937 49.1	2.000 50.8	2.125 53.9	2.375 60.3	2.562 65.0	2.812 71.4	3.000 76.2	3.500 88.9	3.968 100.7
3-1/2" 88.9	INCH mm	1.812 46.0	1.937 49.1	2.000 50.8	2.093 53.1	2.218 56.3	2.437 61.8	2.656 67.4	2.875 73.0	3.062 77.7	3.562 90.4	4.000 101.6
4" 101.6	INCH mm	1.937 49.1	2.000 50.8	2.062 52.3	2.187 55.5	2.312 58.7	2.500 63.5	2.750 69.8	2.937 74.5	3.125 79.3	3.625 92.0	4.062 103.1
4-1/2" 114.3	INCH mm	2.156 54.7	2.218 56.3	2.281 57.9	2.312 58.7	2.500 63.5	2.656 67.4	2.843 72.2	3.062 77.7	3.250 82.5	3.687 93.6	4.187 106.3
5" 127.0	INCH mm	2.375 60.3	2.437 61.8	2.500 63.5	2.562 65.0	2.687 68.2	2.812 71.4	2.937 74.5	3.187 80.9	3.375 85.7	3.750 95.2	4.250 107.9
5-1/2" 139.7	INCH mm	2.593 65.8	2.656 67.4	2.718 69.0	2.750 69.8	2.875 73.0	3.000 76.2	3.125 79.3	3.343 84.9	3.656 92.8	3.906 99.2	4.375 111.1
6" 152.4	INCH mm	2.812 71.4	2.875 73.0	2.937 74.5	3.000 76.2	3.062 77.7	3.187 80.9	3.312 84.1	3.500 88.9	3.687 93.6	4.062 103.1	4.500 114.3
6-1/2" 165.1	INCH mm	3.156 80.1	3.203 81.3	3.250 82.5	3.296 83.7	3.343 84.9	3.468 88.0	3.593 91.2	3.750 95.2	3.937 99.9	4.281 108.7	4.687 119.0
7" 177.8	INCH mm	3.500 88.9	3.531 89.6	3.562 90.4	3.593 91.2	3.625 92.0	3.750 95.2	3.875 98.4	4.000 101.6	4.187 106.3	4.500 114.3	4.875 123.8