

# Universal's 14 Inch Diameter Gear Head Light Series

UNIVERSAL		MAGAZINE WIRE CAPACITY		14U LIGHT SERIES	
WIRE RANGE		LIGHT SERIES - MAGAZINE WIDTH (inches and mm)			
AWG mm	FEET METERS	1/8" 3.17mm	1/4" 6.35mm	5/16" 7.92mm	3/8" 9.52mm
#16 1.290	FEET METERS	42 12.8	84 25.6	108 32.9	109 33.2
#17 1.150	FEET METERS	52 15.8	105 32.0	136 41.4	152 46.3
#18 1.023	FEET METERS	63 19.2	133 40.5	168 51.2	203 61.8
#19 0.911	FEET METERS	80 24.4	164 50.0	210 64.0	262 79.8
#20 0.812	FEET METERS	98 29.9	203 61.9	259 78.9	327 99.6
#21 0.723	FEET METERS	122 37.2	252 76.8	322 98.1	437 133.1
#22 0.624	FEET METERS	154 46.9	315 96.0	399 121.6	520 158.4
#23 0.574	FEET METERS	189 57.6	385 117.3	496 151.1	655 199.6
#24 0.510	FEET METERS	234 71.3	485 147.8	618 188.3	815 248.4
#25 0.454	FEET METERS	290 88.4	600 182.8	765 233.1	983 299.6
#26 0.403	FEET METERS	365 111.2	745 227.0	945 288.0	1300 396.2
#27 0.360	FEET METERS	451 137.4	920 280.4	1055 321.5	1591 484.9
#28 0.320	FEET METERS	560 170.6	1150 350.5	1450 441.9	1988 605.9

UNIVERSAL		MINIMUM FINISHED COIL INSIDE DIAMETER		14U LIGHT SERIES	
COIL HT.		LIGHT SERIES - MAGAZINE WIDTH (inches and mm)			
INCH mm	F I.D. INCH mm	1/8" 3.17mm	1/4" 6.35mm	5/16" 7.92mm	3/8" 9.52mm
1" 25.4	INCH mm	1.250 31.7	1.406 35.7	1.500 38.1	1.593 40.4
1-1/2" 38.1	INCH mm	1.250 31.7	1.406 35.7	1.500 38.1	1.593 40.4
2" 50.8	INCH mm	1.250 31.7	1.406 35.7	1.500 38.1	1.593 40.4
2-1/2" 63.5	INCH mm	1.250 31.7	1.406 35.7	1.500 38.1	1.593 40.4
3" 76.2	INCH mm	1.250 31.7	1.406 35.7	1.500 38.1	1.593 40.4
3-1/2" 88.9	INCH mm	1.250 31.7	1.406 35.7	1.500 38.1	1.593 40.4
4" 101.6	INCH mm	1.250 31.7	1.406 35.7	1.500 38.1	1.593 40.4
4-1/2" 114.3	INCH mm	1.250 31.7	1.406 35.7	1.500 38.1	1.593 40.4
5" 127.0	INCH mm	1.250 31.7	1.406 35.7	1.500 38.1	1.593 40.4
5-1/2" 139.7	INCH mm	1.281 30.9	1.406 35.7	1.531 38.8	1.625 41.2
6" 152.4	INCH mm	1.500 38.1	1.625 41.2	1.687 42.8	1.750 44.4
6-1/2" 165.1	INCH mm	1.750 44.4	1.812 46.0	1.937 49.1	2.000 50.8
7" 177.8	INCH mm	2.000 50.8	2.125 53.9	2.187 55.5	2.250 57.1

**Universal Manufacturing Company**

10 Precision Road • Danbury, CT 06810 USA

Telephone: 203-798-7255 • Fax: 203-790-8645 • Telex: 969364

Website: [www.jovil.net](http://www.jovil.net) • e-mail: [jovil@worldnet.att.net](mailto:jovil@worldnet.att.net)