

# HM WIRE INTERNATIONAL, INC.

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## ISO Metric Preferred Sizes Wire Gauge Chart

ISO Metric Preferred Sizes (mm)				Nearest SWG
R10	R20	R40	Equiv inches	Size (inches)
0.025	.025	.025	.00098	-
-	-	.026	.00102	.00102
-	.028	.028	.00110	-
-	-	.030	.00118	.00118
.032	.032	.032	.00126	-
-	-	.034	.00134	-
-	.036	.036	.00142	-
.040	.040	.040	.00158	.0016
-	-	.042	.00165	-
-	.045	.045	.00177	-
-	-	.048	.00189	-
.050	.050	.050	.00197	.0020
-	-	.053	.00209	-
-	.056	.056	.00220	-
-	-	.060	.00236	.0024
.063	.063	.063	.00248	-
-	-	.067	.00264	-
-	.071	.071	.00280	.0028
-	-	.075	.00295	-
.080	.080	.080	.00315	.0032
-	-	.085	.00335	-
-	.090	.090	.00354	.0036
-	-	.095	.00374	-
.100	.100	.100	.00394	.0040
-	-	.106	.00417	-
-	.112	.112	.00441	.0044
-	-	.118	.00465	.0048
.125	.125	.125	.00492	-
-	-	.132	.00520	.0052
-	.140	.140	.00551	-

ISO Metric Preferred Sizes (mm)				Nearest SWG
R10	R20	R40	Equiv inches	Size (inches)
-	-	.150	.00591	.0060
.160	.160	.160	.00630	-
-	-	.170	.00669	.0068
-	.180	.180	.00709	-
-	-	.190	.00748	.0076
.200	.200	.200	.00787	-
-	-	.212	.00835	.0084
-	.224	.224	.00882	-
-	-	.236	.00929	.0092
.250	.250	.250	.00984	.0100
-	-	.265	.01043	-
-	.280	.280	.01102	.0108
-	-	.300	.01181	.0116
.315	.315	.315	.01240	.0124
-	-	.335	.01319	-
-	.355	.355	.01398	.0136
-	-	.375	.01476	.0148
.400	.400	.400	.01575	-
-	-	.425	.01673	.0164
-	.450	.450	.01772	.0180
-	-	.475	.01870	-
.500	.500	.500	.01969	.0200
-	-	.530	.02087	.0210
-	.560	.560	.02205	.0220
-	-	.600	.02362	.0240
.630	.630	.630	.02480	-
-	-	.670	.02638	.0260
-	.710	.710	.02795	.0280
-	-	.750	.02953	.0300
.800	.800	.800	.03150	.0320
-	-	.850	.03346	.0340
-	.900	.900	.03543	.0360

ISO Metric Preferred Sizes (mm)				Nearest SWG
R10	R20	R40	Equiv inches	Size (inches)
-	-	.950	.03740	.0380
1.00	1.00	1.00	.03937	.0400
-	-	1.06	.04173	-
-	1.12	1.12	.04409	.0440
-	-	1.18	.04646	-
1.25	1.25	1.25	.04921	.0520
-	-	1.32	.05197	.0560
-	1.40	1.40	.05512	.0600
-	-	1.50	.05906	.0640
1.60	1.60	1.60	.06299	.0680
-	-	1.70	.06693	.0720
-	1.80	1.80	.07087	.0760
-	-	1.90	.07480	.0800
2.00	2.00	2.00	.07874	-
-	-	2.12	.08346	.0860
-	2.24	2.24	.08819	.0920
-	-	2.36	.09291	.0980
2.50	2.50	2.50	.09843	.1040
-	-	2.65	.10433	.1100
-	2.80	2.80	.11024	.1160
-	-	3.00	.11811	.1220
3.15	3.15	3.15	.12402	.1280
-	-	3.35	.13189	.1360
-	3.55	3.55	.13976	.1440
-	-	3.75	.14764	.1600
4.00	4.00	4.00	.15748	.1680
-	-	4.25	.16732	.1760
-	4.50	4.50	.17717	.1840
-	-	4.75	.18701	.1920
5.00	5.00	5.00	.19685	-
-	-	5.30	.20866	.2120
-	5.60	5.60	.22047	.2220
-	-	6.00	.23622	.2320
6.30	6.30	6.30	.24803	.2520