

WIRE DIAMETER	WIRE GAUGE	END VIEW	SIDE VIEW	WIRE DIAMETER	WIRE GAUGE	END VIEW	SIDE VIEW
0.430"	5/0			0.148"	9		
0.375"	4/0-1/2			0.135"	10		
0.3625"	3/0			0.120"	11		
0.331"	2/0			0.105"	12		
0.313"	1/0			0.092"	13		
0.283"	1			0.080"	14		
0.273"	1-1/2			0.072"	15		
0.250"	2-3/4			0.063"	16		
0.232"	3-3/4			0.054"	17		
0.225"	4			0.047"	18		
0.207"	5			0.041"	19		
0.192"	6			0.035"	20		
0.177"	7			0.032"	21		
0.162"	8			0.028"	22-1/4		



WIRE DIAMETER	WIRE GAUGE	FT/LB
0.490"	7/0	1.56
0.483"	7/0-1/4	1.61
0.476"	7/0-1/2	1.66
0.469"	7/0-3/4	1.70
0.4615"	6/0	1.76
0.454"	6/0-1/4	1.82
0.446"	6/0-1/2	1.89
0.439"	6/0-3/4	1.95
0.430"	5/0	2.02
0.421"	5/0-1/4	2.12
0.412"	5/0-1/2	2.21
0.403"	5/0-3/4	2.31
0.3938"	4/0	2.42
0.386"	4/0-1/4	2.52
0.375"	4/0-1/2	2.62
0.370"	4/0-3/4	2.74
0.362"	3/0	2.85
0.355"	3/0-1/4	2.98
0.347"	3/0-1/2	3.11
0.339"	3/0-3/4	3.26
0.331"	2/0	3.42
0.325"	2/0-1/4	3.55
0.319"	2/0-1/2	3.68
0.313"	2/0-3/4	3.83
0.3065"	1/0	3.99
0.301"	1/0-1/4	4.14
0.295"	1/0-1/2	4.31
0.289"	1/0-3/4	4.49

WIRE DIAMETER	WIRE GAUGE	FT/LB
0.283"	1	4.68
0.278"	1-1/4	4.85
0.273"	1-1/2	5.03
0.268"	1-3/4	5.22
0.2625"	2	5.44
0.258"	2-1/4	5.63
0.253"	2-1/2	5.86
0.250"	2-3/4	6.10
0.2437"	3	6.31
0.239"	3-1/4	6.56
0.235"	3-1/2	6.79
0.232"	3-3/4	7.09
0.225"	4	7.39
0.221"	4-1/4	7.68
0.216"	4-1/2	8.04
0.212"	4-3/4	8.34
0.207"	5	8.75
0.203"	5-1/4	9.10
0.200"	5-1/2	9.37
0.196"	5-3/4	9.76
0.192"	6	10.17
0.188"	6-1/4	10.61
0.185"	6-1/2	10.95
0.181"	6-3/4	11.44
0.177"	7	11.97
0.173"	7-1/4	12.53
0.170"	7-1/2	12.97
0.166"	7-3/4	13.61

WIRE DIAMETER	WIRE GAUGE	FT/LB
0.162"	8	14.29
0.159"	8-1/4	14.83
0.155"	8-1/2	15.61
0.152"	8-3/4	16.23
0.148"	9	17.05
0.145"	9-1/4	17.83
0.142"	9-1/2	18.59
0.138"	9-3/4	19.69
0.135"	10	20.57
0.131"	10-1/4	21.85
0.128"	10-1/2	22.88
0.124"	10-3/4	24.38
0.120"	11	25.82
0.117"	11-1/4	27.39
0.113"	11-1/2	29.36
0.109"	11-3/4	31.56
0.105"	12	33.69
0.102"	12-1/4	36.04
0.099"	12-1/2	38.25
0.095"	12-3/4	41.54
0.092"	13	44.78
0.089"	13-1/4	47.33
0.086"	13-1/2	50.69
0.083"	13-3/4	54.42
0.080"	14	58.58
0.078"	14-1/4	61.62
0.076"	14-1/2	64.91
0.074"	14-3/4	68.47

WIRE DIAMETER	WIRE GAUGE	FT/LB
0.072"	15	72.32
0.070"	15-1/4	76.51
0.067"	15-1/2	83.52
0.065"	15-3/4	88.74
0.063"	16	95.98
0.060"	16-1/4	104.14
0.058"	16-1/2	111.45
0.056"	16-3/4	119.55
0.054"	17	128.60
0.052"	17-1/4	138.70
0.051"	17-1/2	144.10
0.0491"	17-3/4	155.50
0.047"	18	166.20
0.0459"	18-1/4	178.00
0.0443"	18-1/2	191.00
0.0426"	18-3/4	206.60
0.041"	19	223.00
0.0394"	19-1/4	241.50
0.0379"	19-1/2	261.00
0.0363"	19-3/4	284.50
0.035"	20	309.60
0.034"	20-1/4	324.30
0.0332"	20-1/2	340.10
0.0325"	20-3/4	355.00
0.032"	21	373.10
0.0309"	21-1/4	392.70
0.0301"	21-1/2	413.80
0.0294"	21-3/4	433.80



WIRE DIAMETER	WIRE GAUGE	FT/LB
0.0286"	22	458.40
0.028"	22-1/4	481.60
0.0272"	22-1/2	506.80
0.0265"	22-3/4	533.90
0.0258"	23	563.30
0.0251"	23-1/4	595.10
0.0244"	23-1/2	629.70
0.0237"	23-3/4	667.50
0.023"	24	708.70
0.0224"	24-1/4	747.20
0.0217"	24-1/2	796.20
0.0211"	24-3/4	842.10
0.0204"	25	900.90
0.0198"	25-1/4	956.30
0.0193"	25-1/2	1007.00
0.0187"	25-3/4	1072.00
0.0181"	26	1144.00
0.0179"	26-1/4	1170.00
0.0177"	26-1/2	1197.00
0.0175"	26-3/4	1224.00

WIRE DIAMETER	WIRE GAUGE	FT/LB
0.0173"	27	1253.00
0.017"	27-1/4	1297.00
0.0168"	27-1/2	1328.00
0.0165"	27-3/4	1377.00
0.0162"	28	1429.00
0.0159"	28-1/4	1483.00
0.0156"	28-1/2	1541.00
0.0153"	28-3/4	1602.00
0.015"	29	1666.00
0.0148"	29-1/4	1712.00
0.0145"	29-1/2	1783.00
0.0143"	29-3/4	1833.00
0.014"	30	1913.00
0.0138"	30-1/4	1969.00
0.0136"	30-1/2	2027.00
0.0134"	30-3/4	2088.00
0.0132"	31	2152.00
0.0131"	31-1/4	2185.00
0.013"	31-1/2	2218.00
0.0129"	31-3/4	2253.00

WIRE DIAMETER	WIRE GAUGE	FT/LB
0.0128"	32	2288.00
0.0126"	32-1/4	2362.00
0.0123"	32-1/2	2478.00
0.0121"	32-3/4	2561.00
0.0118"	33	2693.00
0.0115"	33-1/4	2835.00
0.0111"	33-1/2	3043.00
0.0108"	33-3/4	3214.00
0.0104"	34	3466.00
0.0102"	34-1/4	3604.00
0.010"	34-1/2	3749.00
0.0097"	34-3/4	3985.00
0.0095"	35	4154.00
0.0094"	35-1/4	4243.00
0.0093"	35-1/2	4335.00
0.0091"	35-3/4	4527.00
0.009"	36	4629.00
0.0089"	36-1/4	4733.00
0.0087"	36-1/2	4953.00
0.0086"	36-3/4	5069.00

WIRE DIAMETER	WIRE GAUGE	FT/LB
0.0085"	37	5189.00
0.0084"	37-1/4	5313.00
0.0083"	37-1/2	5442.00
0.0081"	37-3/4	5714.00
0.008"	38	5858.00
0.0079"	38-1/4	6007.00
0.0078"	38-1/2	6162.00
0.0076"	38-3/4	6491.00
0.0075"	39	6665.00
0.007"	40	7651.00
0.0066"	41	8607.00
0.0062"	42	9753.00
0.006"	43	10415.00
0.0058"	44	11145.00
0.0055"	45	12394.00
0.0052"	46	13865.00
0.005"	47	14997.00
0.0048"	48	16273.00
0.0046"	49	17718.00
0.0044"	50	19366.00

- This chart is based on the Washburn & Moen Steel Wire Gauge published standard. Wire Diameters specified are subject to standard mill tolerances. Equivalent wire gauges are defined subject to rounding and are meant to help identify the relative thickness of the wire by gauge.
- End and side views for selected wire diameters are to scale and displayed from 0.430" thick (5/0 gauge) to 0.028" thick (22-1/4 gauge). Larger and smaller wire diameters are not illustrated but can be supplied. Wire diameter specifications less than 0.0044" thick are not represented by a specific wire gauge equivalent and therefore are considered 51+ gauge.

