

Equivalent Chart Size comparison: -0- to 1mm

inches decimal	inches fraction	HO scale inches ~	AWG wire gauge	ASME drill bit size	metric drill bit size	millimeters
0.01"		0.9"	30 gauge			0.2546 mm
0.0126"		1.1"	28 gauge			0.3211 mm
0.0135"				80		0.343 mm
0.0145"				79		0.368 mm
0.015"		1.3"				0.381 mm
0.015625"	1 / 64"	1.4"				0.396875 mm
0.0159"		1.4"	26 gauge			0.4049 mm
0.016"				78		0.406 mm
0.018"				77		0.457 mm
0.019685"~		1.7"			0.5 mm	0.5 mm
0.02"		1.75"		76		0.508 mm
0.0201"		1.75"	24 gauge			0.511 mm
0.021"				75		0.533 mm
0.0225"				74		0.572 mm
0.0226"		2.0"	22 gauge			0.573 mm
0.023622"~		2.0"			0.6 mm	0.6 mm
0.024"				73		0.61 mm
0.025"		2.2"		72		0.635 mm
0.026"				71		0.66 mm
0.027559"~		2.4"			0.7 mm	0.7 mm
0.028"				70		0.711 mm
0.0292"				69		0.742 mm
0.03"		2.6"				0.762 mm
0.031"				68		0.787 mm
0.03125"	1 / 32"	2.7"				0.79375 mm
0.031496"~		2.7"			0.8 mm	0.8 mm
0.032"		2.75"	20 gauge			0.812 mm
0.0321"				67		0.8128 mm
0.033"				66		0.838 mm
0.035"		3.0"		65		0.889 mm
0.035443"~		3.1"			0.9 mm	0.9 mm
0.036"				64		0.914 mm
0.037"				63		0.94 mm
0.038"				62		0.965 mm
0.039"				61		0.991 mm
0.03937"~		3.4"			1 mm	1 mm
inches decimal	inches fraction	HO scale inches ~	AWG wire gauge	ASME drill bit size	metric drill bit size	millimeters

Equivalent Chart Size comparison: 1mm to 2.2mm

inches decimal	inches fraction	HO track size	HO scale inches ~	AWG wire gauge	ASME drill bit size	metric drill bit size	millimeters
0.03937"~			3.4"			1 mm	1 mm
0.04"			3.5"		60		1.016 mm
0.0403"			3.5"	18 gauge			1.024 mm
0.041"					59		1.041 mm
0.042"					58		1.067 mm
0.043"					57		1.092 mm
0.0433"~			3.8"			1.1 mm	1.1 mm
0.045"			3.9"				1.143 mm
0.0465"			4.0"		56		1.181 mm
0.046875"	3 / 64"		4.1"				1.190625 mm
0.047244"~			4.1"			1.2 mm	1.2 mm
0.05"			4.3"				1.27 mm
0.0508"			4.4"	16 gauge			1.291 mm
0.05118"~			4.4"			1.3 mm	1.3 mm
0.052"					55		1.321 mm
0.055"					54		1.397 mm
0.055118"~			4.8"			1.4 mm	1.4 mm
0.059055"~			5.1"			1.5 mm	1.5 mm
0.0595"					53		1.511 mm
0.0625"	1 / 16"		5.4"				1.5875 mm
0.062992"~			5.5"			1.6 mm	1.6 mm
0.0635"					52		1.613 mm
0.0641"			5.6"	14 gauge			1.628 mm
0.066929"~			5.8"			1.7 mm	1.7 mm
0.067"					51		1.702 mm
0.07"		Code 70	6.1"		50		1.778 mm
0.070866"~			6.2"			1.8 mm	1.8 mm
0.073"					49		1.854 mm
0.074803"~			6.5"			1.9 mm	1.9 mm
0.076"					48		1.93 mm
0.078125"	5 / 64"		6.8"				1.984375 mm
0.0785"					47		1.994 mm
0.07874"~			6.8"			2 mm	2 mm
0.0808"			7.0"	12 gauge			2.053 mm
0.081"					46		2.057 mm
0.082"					45		2.083 mm
0.082677"~			7.2"			2.1 mm	2.1 mm
0.083"		Code 83	7.2"				2.1082 mm
0.086"					44		2.184 mm
0.086614"~			7.5"			2.2 mm	2.2 mm
inches decimal	inches fraction	HO track size	HO scale inches ~	AWG wire gauge	ASME drill bit size	metric drill bit size	millimeters

Equivalent Chart

Size comparison: 2.2mm to 4mm

*** Columns with no information removed ***

inches decimal	inches fraction	HO track size	HO scale inches ~	ASME drill bit size	metric drill bit size	millimeters
0.086614"~			7.5"		2.2 mm	2.2 mm
0.089"				43		2.261 mm
0.090551"~			7.9"		2.3 mm	2.3 mm
0.0935"				42		2.375 mm
0.09375"	3 / 32"		8.2"			2.38125 mm
0.094488"~			8.2"		2.4 mm	2.4 mm
0.096"				41		2.438 mm
0.098"				40		2.489 mm
0.098425"~			8.6"		2.5 mm	2.5 mm
0.0995"				39		2.527 mm
0.1"		Code 100	8.7"			2.54 mm
0.1015"				38		2.578 mm
0.102362"~			8.9"		2.6 mm	2.6 mm
0.104"				37		2.642 mm
0.106299"~			9.2"		2.7 mm	2.7 mm
0.1065"				36		2.705 mm
0.109375"	7 / 64"		9.5"			2.778125 mm
0.11"				35		2.794 mm
0.110236"~			9.6"		2.8 mm	2.8 mm
0.111"				34		2.819 mm
0.113"				33		2.87 mm
0.114173"~			9.9"		2.9 mm	2.9 mm
0.116"				32		2.946 mm
0.11811"~			10.3"		3 mm	3 mm
0.12"				31		3.048 mm
0.125"	1 / 8"		10.9"			3.175 mm
0.1285"				30		3.264 mm
0.136"				29		3.454 mm
0.1405"				28		3.569 mm
0.140625"	9 / 64"		12.2"			3.571875 mm
0.144"				27		3.658 mm
0.147"				26		3.734 mm
0.1495"				25		3.797 mm
0.152"				24		3.861 mm
0.154"				23		3.912 mm
0.15625"	5 / 32"		13.6"			3.96875 mm
0.157"				22		3.988 mm
0.1575"~						4.0 mm
inches decimal	inches fraction	HO track size	HO scale inches ~	ASME drill bit size	metric drill bit size	millimeters

Equivalent Chart Size comparison: 4mm to 7mm

*** Columns with no information removed ***

inches decimal	inches fraction	HO scale inches ~	ASME drill bit size	millimeters
0.1575"~		13.6"		4.0 mm
0.159"			21	4.039 mm
0.161"			20	4.089 mm
0.166"			19	4.216 mm
0.1695"			18	4.305 mm
0.171875"	11 / 64"	15.0"		4.365625
0.173"			17	4.394 mm
0.177"			16	4.496 mm
0.18"			15	4.572 mm
0.182"			14	4.623 mm
0.185"			13	4.699 mm
0.1875"	3 / 16"	16.3"		4.7625 mm
0.189"			12	4.801 mm
0.191"			11	4.851 mm
0.1935"			10	4.915 mm
0.196"			9	4.978 m
0.199"			8	5.055 mm
0.201"			7	5.105 mm
0.203125"	13 / 64"	17.7"		5.159375
0.204"			6	5.182 mm
0.2055"			5	5.22 mm
0.209"			4	5.309 mm
0.213"			3	5.41 mm
0.21875"	7 / 32"	19.1"		5.55625 mm
0.221"			2	5.613 mm
0.228"			1	5.791 mm
0.234"			A	5.944 mm
0.234375"	15 / 64"	20.4"		5.953125
0.238"			B	6.045 mm
0.242"			C	6.147 mm
0.246"			D	6.248 mm
0.25"	1 / 4"	21.8"	E	6.35 mm
0.257"			F	6.528 mm
0.261"			G	6.629 mm
0.265625"	17 / 64"	23.1"		6.746875
0.266"			H	6.756 mm
0.272"			I	6.909 mm
0.2756"~		23.8"		7.0 mm
inches decimal	inches fraction	HO scale inches ~	ASME drill bit size	millimeters

Equivalent Chart Size comparison: 7mm to 12.7mm (1/2")

*** Columns with no information removed ***

inches decimal	inches fraction	HO scale inches ~	ASME drill bit size	millimeters
0.2756"~		23.8"		7.0 mm
0.277"			J	7.036 mm
0.281"			K	7.137 mm
0.28125"	9 / 32"	24.5"		7.14375 mm
0.29"			L	7.366 mm
0.295"			M	7.493 mm
0.296875"	19 / 64"	25.9"		7.540625 mm
0.302"			N	7.671 mm
0.3125"	5 / 16"	27.2"		7.9375 mm
0.315"~				8.0 mm
0.316"			O	8.026 mm
0.323"			P	8.204 mm
0.328125"	21 / 64"	28.6"		8.334375 mm
0.332"			Q	8.433 mm
0.339"			R	8.611 mm
0.34375"	11 / 32"	29.9"		8.73125 mm
0.348"			S	8.839 mm
0.358"			T	9.093 mm
0.359375"	23 / 64"	31.3"		9.128125 mm
0.368"			U	9.347 mm
0.375"	3 / 8"	32.7"		9.525 mm
0.377"			V	9.576 mm
0.386"			W	9.804 mm
0.390625"	25 / 64"	34.0"		9.921875 mm
0.3937"~		35.2"		10 mm / 1 cm
0.397"			X	10.08 mm
0.404"			Y	10.26 mm
0.46875"	15 / 32"	40.8"		11.90625 mm
0.413"			Z	10.49 mm
0.484375"	31 / 64"	42.2"		12.303125 mm
0.5"	1 / 2"	43.6"		12.7 mm
inches decimal	inches fraction	HO scale inches ~	ASME drill bit size	millimeters

Equivalent Chart

Size comparison: 12.7mm (1/2") to 24.5mm (1")

*** Columns with no information removed ***

inches decimal	inches fraction	HO scale inches ~	millimeters
0.5"	1 / 2"	43.6"	12.7 mm
0.515625	33 / 64"	44.8"	13.096875 mm
0.53125	17 / 32"	46.2"	13.49375 mm
0.546875	35 / 64"	47.6"	13.890625 mm
0.5625	9 / 16"	48.3"	14.2875 mm
0.578125	37 / 64"	50.3"	14.684375 mm
0.59375	19 / 32"	51.6"	15.08125 mm
0.609375	39 / 64"	53.0"	15.478125 mm
0.625	5 / 8"	54.4"	15.875 mm
0.640625	41 / 64"	55.7"	16.271875 mm
0.65625	21 / 32"	57.1"	16.66875 mm
0.671875	43 / 64"	58.4"	17.065625 mm
0.6875	11 / 16"	59.8"	17.4625 mm
0.703125	45 / 64"	61.2"	17.859375 mm
0.71875	23 / 32"	62.5"	18.25625 mm
0.734375	47 / 64"	63.9"	18.653125 mm
0.75	3 / 4"	65.2"	19.05 mm
0.765625	49 / 64"	66.6"	19.446875 mm
0.78125	25 / 32"	67.9"	19.84375 mm
0.796875	51 / 64"	69.3"	20.240625 mm
0.8125	13 / 16"	70.6"	20.6375 mm
0.828125	53 / 64"	72.0"	21.034375 mm
0.84375	27 / 32"	73.4"	21.43125 mm
0.859375	55 / 64"	74.8"	21.828125 mm
0.875	7 / 8"	76.1"	22.225 mm
0.890625	57 / 64"	77.5"	22.621875 mm
0.90625	29 / 32"	78.8"	23.01875 mm
0.921875	59 / 64"	80.2"	23.415625 mm
0.9375	15 / 16"	81.6"	23.8125 mm
0.953125	61 / 64"	82.9"	24.209375 mm
0.96875	31 / 32"	84.3"	24.60625 mm
0.984375 "	63 / 64"	85.6"	25.003125 mm
1"	1"	87"	25.4 mm
inches decimal	inches fraction	HO scale inches ~	millimeters