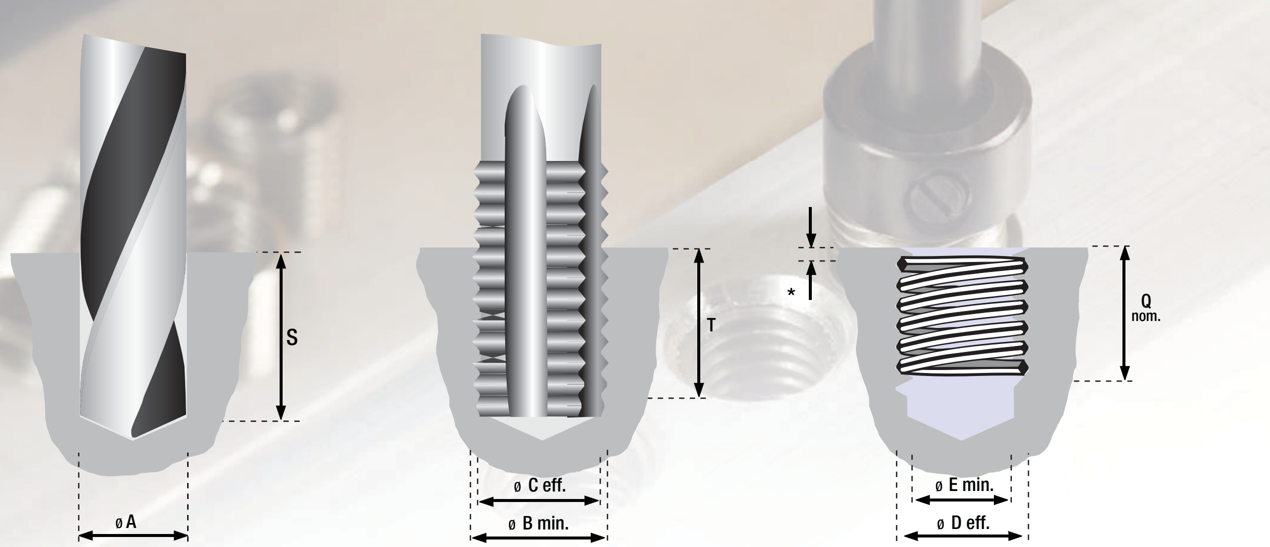

Optimum Thread performance with Wire Thread Inserts is achieved when the inserts are installed 1/2 to 1 pitch below the surface of the Tapped Hole. This means that the actual length of an installed insert is equal to dimension Q less 1/2 to 1 pitch. Dimensions S and T allow for tap end clearance of intermediate taps. When using Bottoming and Spiral Flute Taps these dimensions maybe reduced by an amount equal to 2 thread pitches. Any counterbore depths must be added to these dimensions.

SIZE mm	Drill mm	Drill inch	A max/min mm	B mm	C (5H) mm	D (4H) mm	C (6H) mm	D (5H) mm	E mm	FC min/max mm
METRIC										
M2 X 0.40	2.10	#45	2.177 / 2.087	2.520	2.296 / 2.260	1.796 / 1.740	2.311 / 2.260	1.811 / 1.740	1.567	2.49 / 2.70
M2.2 X 0.45	2.30	#42	2.397 / 2.297	2.785	2.532 / 2.492	1.968 / 1.908	2.547 / 2.492	1.983 / 1.908	1.713	2.76 / 3.00
M2.5 X 0.45	2.60	#37	2.697 / 2.597	3.085	2.832 / 2.792	2.268 / 2.208	2.847 / 2.792	2.283 / 2.208	2.013	3.05 / 3.70
M3 X 0.50	3.20	1/8	3.220 / 3.108	3.650	3.367 / 3.325	2.738 / 2.675	3.384 / 3.325	2.755 / 2.675	2.459	3.61 / 4.35
M3.5 X 0.60	3.70	#27	3.755 / 3.630	4.279	3.940 / 3.890	3.181 / 3.110	3.959 / 3.890	3.200 / 3.110	2.850	4.24 / 4.95
M4 x 0.70	4.20	11/64	4.292 / 4.152	4.909	4.509 / 4.455	3.620 / 3.545	4.529 / 4.455	3.640 / 3.545	3.242	4.86 / 5.60
M5 X 0.80	5.20	13/64	5.333 / 5.173	6.039	5.577 / 5.520	4.560 / 4.480	5.597 / 5.520	4.580 / 4.480	4.134	5.98 / 6.80
M6 X 1.00	6.30	1/4	6.406 / 6.216	7.299	6.719 / 6.650	5.445 / 5.350	6.742 / 6.650	5.468 / 5.350	4.917	7.23 / 7.95
M7 X 1.00	7.30	9/32	7.406 / 7.216	8.299	7.719 / 7.650	6.445 / 6.350	7.742 / 7.650	6.468 / 6.350	5.917	8.22 / 9.20
M8 X 1.25	8.30	21/64	8.483 / 8.271	9.624	8.886 / 8.812	7.288 / 7.188	8.912 / 8.812	7.313/ 7.188	6.647	9.53 / 10.35
M8 X 1.00	8.30	21/64	8.406 / 8.216	9.299	8.719 / 8.650	7.445 / 7.350	8.742 / 8.650	7.468 / 7.350	6.917	9.39 / 10.25
M9 X 1.25	9.40	3/8	9.483 / 9.271	10.624	9.886 / 9.812	8.288 / 8.188	9.912 / 9.812	8.313 / 8.188	7.647	10.52 / 11.16
M9 x 1.00	9.30	23/64	9.406 / 9.216	10.299	9.719 / 9.650	8.445 / 8.350	9.742 / 9.650	8.468 / 8.350	7.917	10.40 / 11.23
M10 X 1.50	10.40	13/32	10.561 / 10.325	11.949	11.061 / 10.974	9.138 / 9.026	11.089 / 10.974	9.166 / 9.026	8.376	11.83 / 12.50
M10 X 1.25	10.30	13/32	10.483 / 10.271	11.624	10.886 / 10.812	9.288 / 9.188	10.912 / 10.812	9.313 / 9.188	8.647	11.74 / 12.65
M10 x 1.00	10.30	13/32	10.406 / 10.216	11.299	10.724 / 10.650	9.445 / 9.350	10.742 / 10.650	9.468 / 9.350	8.917	11.41 / 12.50
M11 X 1.50	11.40	7/16	11.561 / 11.325	12.949	12.061 / 11.974	10.138 / 10.026	12.089 / 11.974	10.166 / 10.026	9.376	12.82 / 13.59
M11 X 1.25	11.30	7/16	11.483 / 11.271	12.624	11.898 / 11.812	10.300 / 10.188	11.926 / 11.812	10.328 / 10.188	9.647	12.75 / 13.76
M11 X 1.00	11.30	7/16	11.406 / 11.216	12.299	11.724 / 11.650	10.445 / 10.350	11.742 / 11.650	10.468 / 10.350	9.917	12.42 / 13.41
M12 X 1.75	12.50	31/64	12.644 / 12.379	14.273	13.236 / 13.137	10.988 / 10.863	13.271 / 13.137	11.023 / 10.863	10.106	14.13 / 15.00
M12 X 1.50	12.40	31/64	12.561 / 12.325	13.949	13.067 / 12.974	11.144 / 11.026	13.099 / 12.974	11.176 / 11.026	10.376	14.09 / 15.20
M12 X 1.25	12.30	31/64	12.483 / 12.271	13.624	12.898 / 12.812	11.300 / 11.188	12.926 / 12.812	11.328 / 11.188	10.647	13.76 / 15.00
M12 X 1.00	12.30	31/64	12.406 / 12.216	13.299	12.724 / 12.649	11.450 / 11.350	12.749 /12.649	11.475 / 11.350	10.917	13.43 / 14.49
M13 X 1.75	13.50	33/64	13.644 / 13.379	15.273	14.236 / 14.137	11.988 / 11.863	14.271 / 14.137	12.023 / 11.863	11.106	15.12 / 16.04
M13 X 1.50	13.20	33/64	13.561 / 13.325	14.949	14.067 / 13.974	12.144 / 12.026	14.099 / 13.974	12.176 / 12.026	11.376	15.10 / 16.29
M13 X 1.25	13.20	33/64	13.483 / 13.271	14.624	13.898 / 13.812	12.300 / 12.188	13.926 / 13.812	12.328 / 12.188	11.647	14.77 / 15.94
M14 X 2.00	14.50	37/64	14.733 / 14.433	16.598	15.406 / 15.299	12.833 / 12.701	15.444 / 15.299	12.871 / 12.701	11.835	16.43 / 17.35
M14 X 1.50	14.40	9/16	14.561 / 14.325	15.949	15.067 / 14.974	13.144 / 13.026	15.099 / 14.974	13.176 / 13.026	12.376	16.11 / 17.25
M14 X 1.25	14.30	9/16	14.483 / 14.271	15.624	14.898 / 14.812	13.300 / 13.188	14.926 / 14.812	13.328 / 13.188	12.674	15.78 / 17.03
M14 X 1.00	14.30	9/16	14.406 / 14.216	15.299	14.724 / 14.649	13.450 / 13.350	14.749 /14.649	13.475 / 13.350	12.917	15.45 / 16.68
M15 X 2.00	15.50	39/64	15.733 / 15.433	17.598	16.406 / 16.299	13.833 / 13.701	16.444 / 16.299	13.871 / 13.701	12.835	17.42 / 18.48
M15 X 1.50	15.30	39/64	15.561 / 15.325	16.949	16.067 / 15.974	14.144 / 14.026	16.099 / 15.974	14.176 / 14.026	13.376	17.12 / 18.47
M16 X 2.00	16.50	21/32	16.733 / 16.433	18.598	17.406 / 17.299	14.833 / 14.701	17.444 / 17.299	14.871 / 14.701	13.835	18.41 / 19.60
M16 X 1.50	16.50	21/32	16.561 / 16.325	17.949	17.067 / 16.974	15.144 / 15.026	17.099 / 16.974	15.176 / 15.026	14.376	18.13 / 19.60
M18 X 2.50	18.80	47/64	18.896 / 18.541	21.248	19.738 / 19.624	16.516 / 16.376	19.778 / 19.624	16.556 / 16.376	15.294	21.04 / 22.00
M18 X 2.00	18.50	23/32	18.733 / 18.433	20.598	19.406 / 19.299	16.833 / 16.701	19.444 / 19.299	16.871 / 16.701	15.835	20.80 / 21.85
M18 X 1.50	18.50	23/32	18.561 / 18.325	19.949	19.067 / 18.974	17.144 / 17.026	19.099 / 18.974	17.176 / 17.026	16.376	20.15 / 21.75
M20 X 2.50	20.80	13/16	20.896 / 20.541	23.248	21.738 / 21.624	18.516 / 18.376	21.778 / 21.624	18.556 / 18.376	17.294	23.02 / 24.40
M20 X 2.00	20.50	13/16	20.733 / 20.433	22.598	21.406 / 21.299	18.833 / 18.701	21.444 / 21.299	18.871 / 18.701	17.835	22.82 / 24.05
M20 X 1.50	20.50	13/16	20.561 / 20.325	21.949	21.067 / 20.974	19.144 / 19.026	21.099 / 20.974	19.176 / 19.026	18.376	22.17 / 24.00
M22 X 2.50	22.80	57/64	22.896 / 22.541	25.248	23.738 / 23.624	20.516 / 20.376	23.778 / 23.624	20.556 / 20.376	19.294	25.00 / 26.90
M22 X 2.00	22.50	57/64	22.733 / 22.433	24.598	23.406 / 23.299	20.833 / 20.701	23.444 / 23.299	20.871 / 20.701	19.835	24.84 / 26.50
M22 X 1.50	22.50	57/64	22.561 / 22.325	23.949	23.067 / 22.974	21.144 / 21.026	23.099 / 22.974	21.176 / 21.026	20.376	24.19 / 26.45
M24 X 3.00	25.00	31/32	25.050 / 24.650	27.897	26.093 / 25.948	22.221 / 22.051	26.135 / 25.948	22.263 / 22.051	20.752	27.62 / 29.00
M24 X 2.00	24.50	31/32	24.733 / 24.433	26.598	25.414 / 25.299	22.841 / 22.701	25.454 / 25.299	22.881 / 22.701	21.835	26.86 / 29.10
M24 X 1.50	24.50	31/32	24.561 / 24.325	25.949	25.044 / 24.975	23.121 / 23.026	25.135 / 24.975	23.186 / 23.026	22.376	26.21 / 28.28
M26 X 1.50	26.50	1.1/32	26.561 / 26.325	27.949	27.044 / 26.975	25.121 / 25.026	27.135 / 26.975	25.186 / 25.026	24.376	28.23 / 30.46
M27 X 3.00	28.00	1.3/32	28.050 / 27.650	30.897	29.093 / 28.948	25.221 / 25.051	29.135 / 28.498	25.263 / 25.051	23.752	30.59 / 32.40
M27 X 2.00	27.50	1.5/64	27.733 / 27.433	29.598	28.414 / 28.299	25.841 / 25.701	28.454 / 28.299	25.881 / 25.701	24.835	29.89 / 32.30
M30 X 3.50	31.00	1.7/32	31.208 / 30.758	34.547	32.428 / 32.273	27.907 / 27.727	32.472 / 32.273	27.951 / 27.727	26.211	34.20 / 35.81
M30 X 3.00	31.00	1.7/32	31.050 / 30.650	33.897	32.093 / 31.948	28.221 / 28.051	32.135 / 31.948	28.263 / 28.051	26.752	34.24 / 36.10
M30 X 2.00	30.50	1.3/16	30.733 / 30.433	32.598	31.414 / 31.299	28.841 / 28.701	31.454 / 31.299	28.881 / 28.701	27.835	32.92 / 35.70
M33 X 3.50	34.00	1.21/64	34.208 / 33.758	37.547	35.428 / 35.273	30.907 / 30.727	35.472 / 35.273	30.951 / 30.727	29.211	37.17 / 38.80
M33 X 3.00	33.50	1.5/16	34.050 / 33.650	36.897	35.093 / 34.948	31.221 / 31.051	35.135 / 34.948	31.263 / 31.051	29.752	37.27 / 39.50
M33 X 2.00	33.50	1.5/16	33.733 / 33.433	35.598	34.414 / 34.299	31.841 / 31.701	34.454 / 34.299	31.881 / 31.701	30.835	35.95 / 39.20
M36 X 4.00	37.00	1.29/64	37.341 / 36.866	41.196	38.763 / 38.598	33.592 / 33.402	38.809 / 38.598	33.638 / 33.402	31.670	40.78 / 42.67
M36 X 3.00	37.00	1.29/64	37.050 / 36.650	39.897	38.093 / 37.948	34.221 / 34.051	38.135 / 37.948	34.263 / 34.051	32.752	40.30 / 42.70
M39 X 4.00	40.00	1.9/16	40.341 / 39.866	44.196	41.763 / 41.598	36.592 / 36.402	41.809 / 41.598	36.638 / 36.402	34.670	43.75 / 45.75
M42 X 4.50	43.00	1.11/16	43.505 / 42.975	47.846	45.098 / 44.923	39.277 / 39.077	45.147 / 44.923	39.327 / 39.077	37.129	47.37 / 49.00
M42 X 3.00	42.50	1.11/16	43.050 / 42.650	45.897	44.093 / 43.948	40.221 / 40.051	44.135 / 43.948	40.263 / 40.051	38.752	46.36 / 49.00