

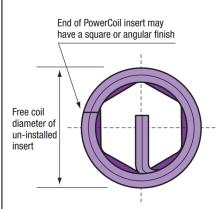
Insert Part Number		3521-10.00X3.0DSL
Insert Thread Form		Metric Fine
Nominal Thread Size		M10 X 1.25
Insert Length Q (installed)	D	3.0D
Insert Length Q (installed)	mm	30.000
Insert Material		304 Stainless Steel
Insert Coating/Plating		-
Military Standard	#	MA3329-310
National Aerospace Standard	#	
Federal Stock	#	-
National Stock / NATO	#	-

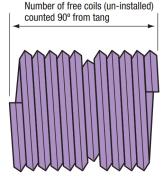
Optimum thread performance with Wire Thread Inserts is achieved when the inserts are installed 1/2 to 1 pitch below the surface of the tapped hole. This means that the actual length of an installed insert is equal to dimension Q less 1/2 to 1 pitch. Dimensions S and T allow for tap end clearance of intermediate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

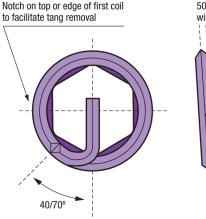
COMPATIBLE POWERCOIL INSTALLATION	AND REMOVAL TOOLS
TOOL TYPE	Part #
Hand Installation Tool	-
Tang Break Tool	3500-TB13
Removal Tool	3500-RT2
Machine Installation Tool	3521-10.00MIT
Mandrel Installation Tool	-
Captive Prewinder Tool	3521-10.00HIP
Non-Captive Prewinder Tool	-
Spring Loaded tang Break Tool	3500-STB10
Pneumatic Front end assembly (FEA)	-
FEA Mandrel	-
FEA Nozzle	-
Pneumatic Tool	-

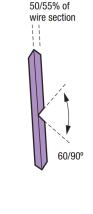
## powercoil.com.au

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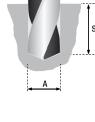


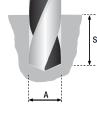


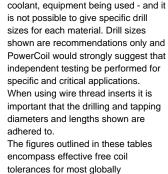




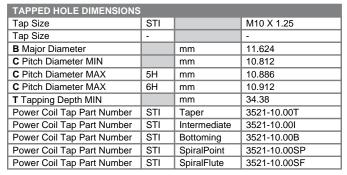
DRILLED HOLE DIMENSIONS INTERMEDIATE/PLUG TAP				
Drill Size	mm	10.30		
Drill Part Number		2007-10.30		
Drill Size inch	inch	13/32		
Drill Part Number inch		2006-13/32		
A Minor Diameter minimum	mm	10.271		
A Minor Diameter maximum	mm	10.483		
S Drilling Depth minimum	mm	35.63		

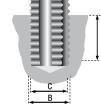






**IMPORTANT** The success of any drilling and tapping operation is dependant upon many factors -type of material being cut, cutting speed,

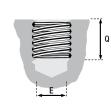




manufacturers, including those of reduced diameter wire thread inserts. Number of Free Coils – the number of coils on an un-installed insert counted along the insert length 90°

recognized standards and

INSERT SPECIFICATIONS		
E Fitted Minor Diameter	mm	8.647
Q Nominal Length Installed	mm	30.000
Free Coil Diameter minimum	mm	11.740
Free Coil Diameter maximum	mm	12.650
Free Coils minimum	#	19.80
Free Coils maximum	#	21.50





from the tang.

