



Insert Part Number	3534-7/16X1.5DP	
Insert Thread Form	Unified National Fine - UNF	
Nominal Thread Size	7/16 X 20	
Insert Length Q (installed)	D	1.5D
Insert Length Q (installed)	inch	0.656
Insert Material	304 Stainless Steel	
Insert Coating/Plating	-	
Military Standard	#	
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	3500-HIT14	
Tang Break Tool	3500-TB14	
Removal Tool	3500-RT3	
Machine Installation Tool	3534-7/16MIT	
Mandrel Installation Tool	-	
Captive Prewinder Tool	3534-7/16HIP	
Non-Captive Prewinder Tool	-	
Spring Loaded tang Break Tool	3500-STB11	
Pneumatic Front end assembly (FEA)	3534-7/16MIP	
FEA Mandrel	3534-7/16MIPM	
FEA Nozzle	3534-7/16MIPN	
Pneumatic Tool	3500-MIP2	

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