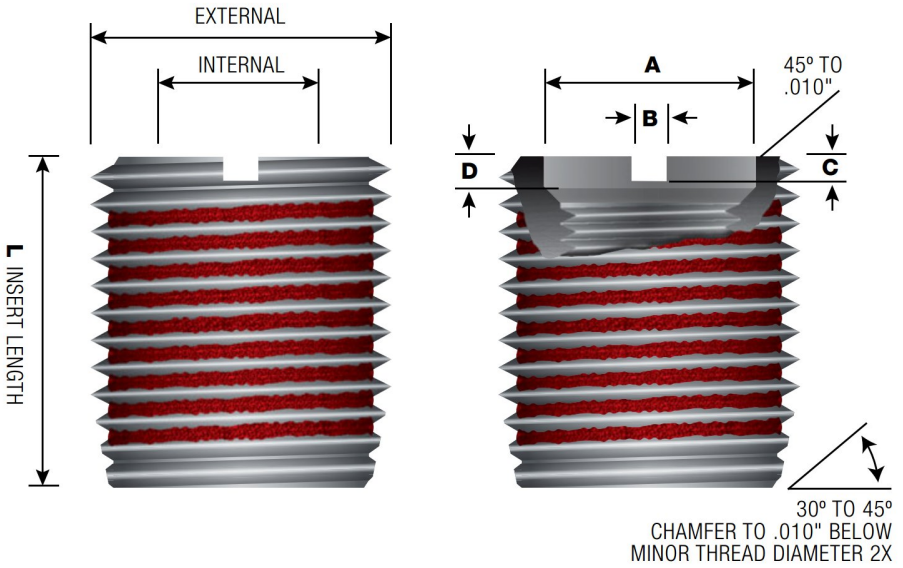
bondsert™

Insert Part Number		3332-5/16HWSS
Reference Number		303-5
Internal Thread Form		UNC
Internal Thread Size		5/16-18
Internal Thread Class		2B
External Thread Size		1/2-13
External Thread Class		2B
Drill Size	inch	27/64
Tap Size		1/2-13
Installation Tool		3300-4

Bondsert inserts have external threads of standard size and pitch so no special drills, taps or installation tools are required. Bondsert inserts will not back out or vibrate loose after installation. Immediately upon installation, micro-encapsulated adhesive will begin to set, and a mating fastener can be installed within minutes. The adhesive also seals against liquids and gases to pressures of 6,000psi, and bonds to most metals. To remove an insert, a standard screw extractor can be used, and removal is just a matter of defeating the resistance to torque-out of the thread locking adhesive.

IMPORTANT The success of any drilling and tapping operation is dependent upon many factors - type of material being cut, cutting speed, coolant, equipment being used - and it is not possible to give specific drill sizes for each material. Drill sizes shown are recommendations only and Crossroad Distributor Source would strongly encourage testing be performed for specific and critical applications.



INSERT DIMENSIONAL CHARACTERISTICS		
L Insert Length	inch	0.484
A	inch	0.323
B	inch	0.081
C	inch	0.08
D	inch	0.09
Minimum Full Thread Depth	inch	9/16

Tolerances +/- 0.010"

INSERT MATERIAL CHARACTERISTICS		
Brinell Hardness	HB	228
Tensile Strength	PSI	100000

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