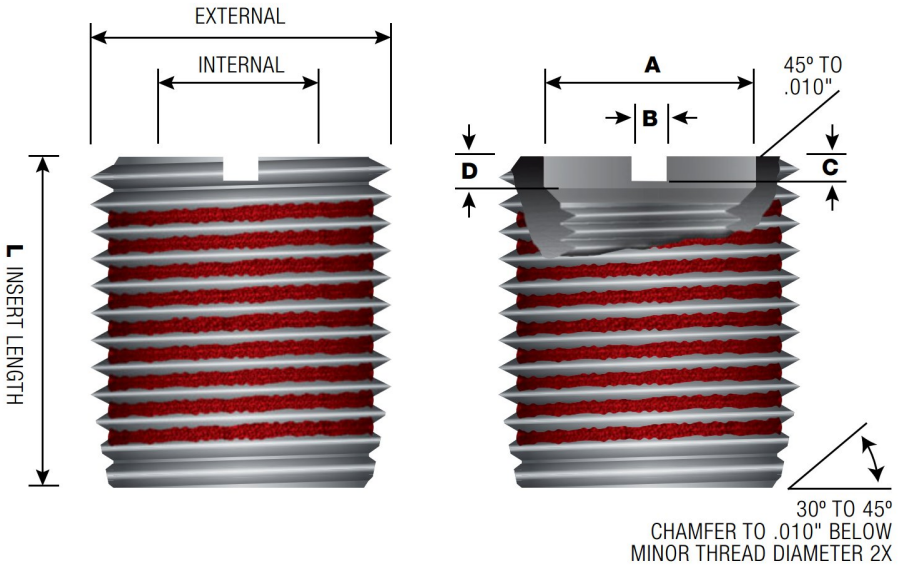
bondsert™

Insert Part Number		3320-12.00TWM
Reference Number		450-12
Internal Thread Form		Metric Coarse
Internal Thread Size		M12-1.75
Internal Thread Class		6H
External Thread Size		M16-2.0
External Thread Class		6g
Drill Size	mm	14
Tap Size		M16-2.0
Installation Tool		3300-6

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	mm	17
A	mm	12.319
B	mm	3.3528
C	mm	2.794
D	mm	2.921
Minimum Full Thread Depth	mm	19

Tolerances +/- 0.010"

INSERT MATERIAL CHARACTERISTICS		
Brinell Hardness	HB	163
Tensile Strength	Mpa	539.859708

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