



Insert Part Number		3732-3/8HD
Military Specification		MS51831-104
Reference Number		KNH616J
Insert Type		Heavy Duty
Internal Thread Form		UNJC
Internal Thread Size		3/8-16
External Thread Size		9/16-12
Nominal Length Q	inch	0.500
Insert Material		Stainless Steel - 303 CRES
Insert Finish		Passivated
Insert Coating		-

Loksert solid keylocking inserts are an easily installed thread assembly that are ideal for replacing damaged or worn threads in virtually any material - ferrous, non-ferrous and non-metallic.

They are constructed from high quality carbon steel or extremely hard wearing stainless steel. One piece Loksert inserts are supplied with the dove-tailed locking keys pre-assembled. The pre-positioned keys automatically position the insert at the correct depth below the surface of the parent material. Lokserts are suitable for repairing and creating threads in a wide range of applications including forgings and castings and are especially suited to situations that experience heavy wear and vibration - such as mining, construction and earthmoving equipment.

COMPATIBLE LOKSERT INSTALLATION AND REMOVAL TOOLS	
TOOL TYPE	Part #
Hand Installation tool - Miniature	-
Hand Installation tool - Thin Wall	-
Hand Installation tool - Heavy Duty	3600-3/8HT
Hand Installation tool - Universal (TW & HD)	3600-375T
Hand Installation tool - Extra Heavy Duty	-
Hand Installation tool - Solid	-
Pneumatic Front End Assembly (FEA)	3732-3/8HDMIP
Pneumatic Tool	3700-MIP1

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DRILLED HOLE DIMENSIONS INTERMEDIATE/PLUG TAP

A Tapping Drill Size	mm	-
A Tapping Drill Size	inch	33/64
Tapping Drill Part Number		3632-33/64*



TAPPED HOLE DIMENSIONS

Tap Size		9/16-12
Tap Tolerance		2B
T Tapping Depth minimum	mm	-
T Tapping Depth minimum	inch	0.56
Loksert Tap Part Number	Intermediate	3632-9/16I
C Countersink Width minimum	mm	-
C Countersink Width minimum	inch	0.572



INSERT SPECIFICATIONS

Internal Thread		3/8-16
Internal Thread Tolerance		3B
External Thread		9/16-12
External Thread Tolerance		2A (Mod)
Q Nominal Length	inch	0.500
Locking Keys	#	4



INSERT REMOVAL SPECIFICATIONS

R1 Drill Size	mm	-
R1 Drill Size	inch	15/32
R2 Drill Depth minimum	mm	-
R2 Drill Depth minimum	inch	3/16



For detailed removal instructions please visit powercoil.com.au