

| Insert Part Number | | 3620-8.00TW |
|------------------------|----|-------------------------|
| Military Specification | | - |
| Reference Number | | KNM 8X1.25F |
| Insert Type | | Thin Wall |
| Internal Thread Form | | Metric Coarse |
| Internal Thread Size | | M8 X 1.25 |
| External Thread Size | | M12 X 1.25 |
| Nominal Length Q | mm | 12.00 |
| Insert Material | | Carbon Steel C1215 or |
| | | Equiv. |
| Insert Finish | | Black manganese or zinc |
| | | phosphate |
| 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 | 3600-8.00TT | | | |
| Hand Installation tool - Heavy Duty | - | | | |
| Hand Installation tool - Universal (TW & HD) | 3600-312T | | | |
| Hand Installation tool - Extra Heavy Duty | - | | | |
| Hand Installation tool - Solid | - | | | |
| Pneumatic Front End Assembly (FEA) | 3720-8.00TWMIP | | | |
| Pneumatic Tool | 3700-MIP1 | | | |



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| MEDIATE/PLUG | I I AP |
|--------------|-----------|
| mm | 10.80 |
| inch | - |
| | 3620-10.8 |
| | |

TAPPED HOLE DIMENSIONS

T Tapping Depth minimum

T Tapping Depth minimum

C Countersink Width minimum

C Countersink Width minimum

Loksert Tap Part Number

Tap Size

Tap Tolerance

| IMPORTANT The success of any drilling and tapping |
|--|
| operation is dependant 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 Bordo International would |
| strongly suggest that independent testing be performed |
| for specific and critical applications. |

| D HOLE DIMENSIONS INTERMEDIATE/PLUG TAP | | | | |
|---|------|-----------|--|--|
| ng Drill Size | mm | 10.80 | | |
| ng Drill Size | inch | - | | |
| Drill Part Number | | 3620-10.8 | | |
| | | | | |

mm

inch

mm

inch

Intermediate

M12 X 1.25

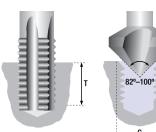
3622-12.001

6H

13.50

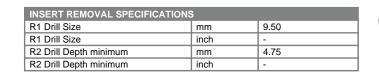
12.25

-



| INSERT SPECIFICATIONS | | |
|---------------------------|----|------------|
| Internal Thread | | M8 X 1.25 |
| Internal Thread Tolerance | | 6g |
| External Thread | | M12 X 1.25 |
| External Thread Tolerance | | 6H |
| Q Nominal Length | mm | 12.00 |
| Locking Keys | # | 4 |







R1

For detailed removal instructions please visit powercoil.com.au