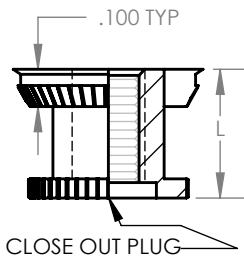


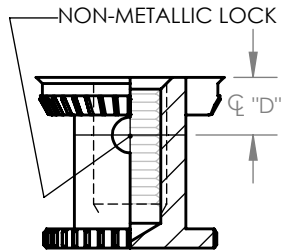
2253-S,SE

INSERT, BLIND, SNAP-IN, THREADED, SELF-LOCKING
NONSELF-LOCKING, SANDWICH PANEL

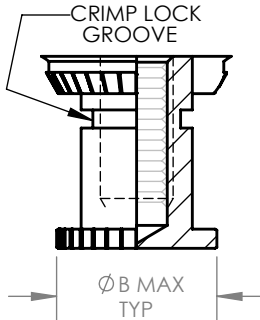
THREADED
ONLY



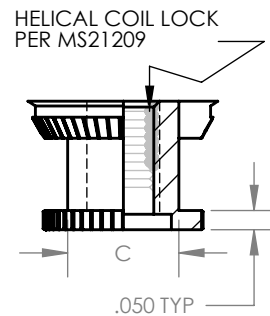
NON-METALLIC
LOCK



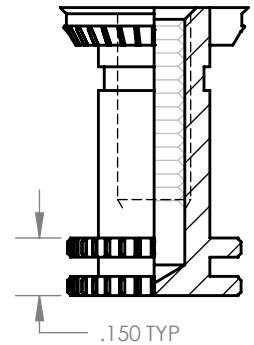
CRIMP LOCK
PER MIL-N-25027



HELICAL COIL LOCK
PER MS21209



DOUBLE FLANGE ON -.08
& UP TYPICAL-ALL STYLES



MATERIAL: A,SP,OR C

A,SP OR C

SP OR C ONLY

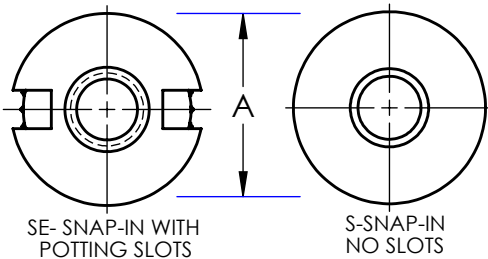
A,SP OR C

A,SP OR C

TABLE 1

| SIZE | THREAD SIZE PER MIL-S-8879 | A HEAD DIA | B FLANGE DIA | C BODY DIA | D LOCK CENTERLINE |
|------|-------------------------------|---------------|-----------------|---------------|-------------------------|
| 440 | .1120-40 UNJC-3B | .375 | .312 | .195 | .165* |
| 632 | .1380-32 UNJC-3B | .437 | .375 | .230 | .175* |
| 832 | .1640-32 UNJC-3B | .500 | .437 | .290 | .185* |
| 1032 | .1900-32 UNJF-3B | .500 | .437 | .290 | .185* |
| 428 | .2500-28 UNJF-3B | .562 | .500 | .353 | .190 |
| 524 | .3125-24 UNJF-3B | .687 | .625 | .460 | .200 |
| 624 | .3750-24 UNJF-3B | .812 | .687 | .550 | .200 |

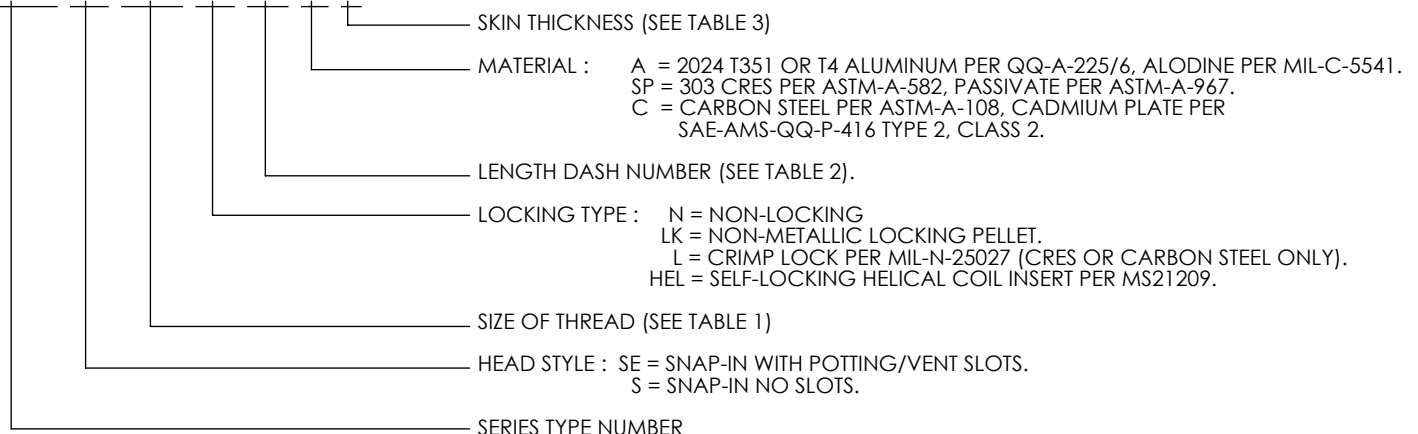
*REDUCE "D" DIMENSION BY .030 WHEN ORDERING -.04 LENGTHS IN SIZES 440 - 1032



PART NUMBER SELECTION

EXAMPLE:

2253-SE-832-LK-10-A-2

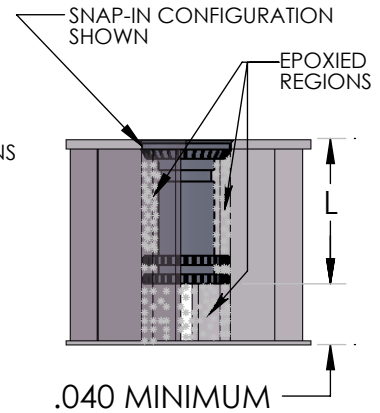
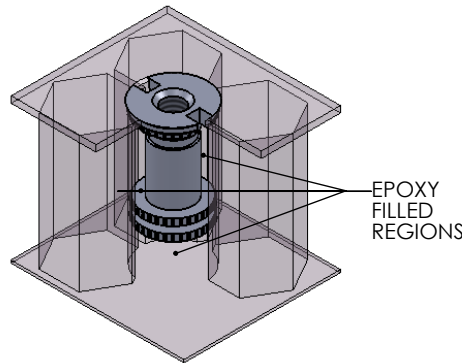


2253-S,SE -CONTINUED

INSERT, SNAP-IN, THREADED, SELF-LOCKING NONSELF-LOCKING, SANDWICH PANEL

TYPICAL INSTALLATION SHOWN:

" TYPICAL 2253-S, SE SNAP-IN INSERT INSTALLED IN HONEY-COMB SANDWICH PANEL. INSERT IS RETAINED BY CURED EPOXY COMPOUND."



"MINIMUM CLEARANCE IS REQUIRED BETWEEN INSERT & INSIDE PANEL SKIN FOR PROPER BONDING AROUND BOTTOM OF INSERT."

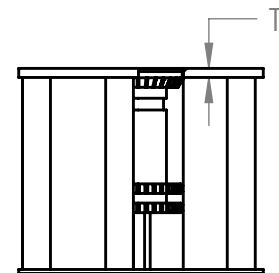


TABLE 2

| ALL THREADED TYPES EXCEPT HELICAL COIL LOCK | | | | | | | | |
|---|------|-------------|------|------|------|------|------|------|
| LENGTH DASH NUMBER | L | THREAD SIZE | | | | | | |
| | | 440 | 632 | 832 | 1032 | 428 | 524 | 624 |
| -04*† | .220 | .170 | .170 | .170 | .170 | - | - | - |
| -05* | .285 | .190 | .190 | .190 | .190 | .235 | - | - |
| -06* | .335 | .225 | .235 | .235 | .235 | .250 | - | - |
| -07 | .395 | .250 | .280 | .280 | .280 | .250 | - | - |
| -08 | .455 | .250 | .280 | .330 | .330 | .330 | .320 | - |
| -10 | .565 | .250 | .280 | .330 | .380 | .420 | .430 | .425 |
| -12 | .690 | .250 | .280 | .330 | .380 | .500 | .550 | .550 |
| -14 | .815 | .250 | .280 | .330 | .380 | .500 | .625 | .750 |
| -16 | .935 | .250 | .280 | .330 | .380 | .500 | .625 | .750 |

*CLOSE OUT PLUG REQUIRED TO PROVIDE MINIMUM FULL THREAD.

† AVAILABLE IN -1, -2, AND -3 SKIN THICKNESS ONLY; SEE TABLE 3 BELOW.

TABLE 3

| SKIN DASH NUMBER | T (THICKNESS) |
|------------------|---------------|
| -1 | .010 - .019 |
| -2 | .020 - .029 |
| -3 | .030 - .039 |
| -4 | .040 - .049 |
| -5 | .050 - .059 |
| -6 | .060 - .069 |

| HELICAL COIL LOCK TYPE | | | | | | | | |
|------------------------|------|-------------|------|------|------|------|------|------|
| LENGTH DASH NUMBER | L | THREAD SIZE | | | | | | |
| | | 440 | 632 | 832 | 1032 | 428 | 524 | 624 |
| -06 | .335 | .112 | - | - | - | - | - | - |
| -07 | .395 | .168 | .138 | - | - | - | - | - |
| -08 | .455 | .224 | .207 | .164 | .190 | - | - | - |
| -10 | .565 | .224 | .276 | .246 | .235 | .250 | - | - |
| -12 | .690 | .224 | .276 | .328 | .380 | .375 | .312 | - |
| -14 | .815 | .224 | .276 | .328 | .380 | .500 | .469 | .375 |
| -16 | .935 | .224 | .276 | .328 | .380 | .500 | .469 | .562 |