



NOTE: The Thin Wall design requires a modified external thread. While the external thread pitch is standard, the minor diameter is larger than normal. So installation requires a hole slightly larger than normal. For example, if a Thin Wall with a 1/2-13 external thread is being installed, a standard 29/64 drill is used as opposed to the typical 27/64. The hole is still tapped with a standard 1/2-13 tap.

THIN WALL - CARBON STEEL THREAD INSERTS FOR METAL

Part Number	Internal Thread	External Thread			Length L
	Thread Size (2B)	Thread Size (2A)	Modified Minor Dia. A	Major Dia. B	
Unified Coarse					
319-3	10-24	5/16-18	.251 - .254	.307 - .311	.312
319-4	1/4-20	3/8-16	.314 - .318	.369 - .373	.375
319-5	5/16-18	7/16-14	.377 - .381	.432 - .436	.437
319-6	3/8-16	1/2-13	.434 - .438	.494 - .498	.500
319-7	7/16-14	9/16-12	.497 - .501	.556 - .560	.562
319-8	1/2-13	5/8-11	.553 - .557	.619 - .623	.625

Unified Fine					
319-332	10-32	5/16-18	.251 - .254	.307 - .311	.312
319-428	1/4-28	3/8-16	.314 - .318	.369 - .373	.375
319-524	5/16-24	7/16-14	.377 - .381	.432 - .436	.437
319-624	3/8-24	1/2-13	.434 - .438	.494 - .498	.500
319-720	7/16-20	9/16-12	.497 - .501	.556 - .560	.562
319-820	1/2-20	5/8-11	.553 - .557	.619 - .623	.625

Metric					
319-M4	M4-0.7	5/16-18	.251 - .254	.307 - .311	.312
319-M5	M5-0.8	5/16-18	.251 - .254	.307 - .311	.312
319-M6	M6-1.0	3/8-16	.314 - .318	.369 - .373	.375
319-M8	M8-1.25	7/16-14	.377 - .381	.432 - .436	.437
319-M10	M10-1.5	1/2-13	.434 - .438	.494 - .498	.500
319-M12	M12-1.75	5/8-11	.553 - .557	.619 - .623	.625



Thread Inserts
Material: C12L14
Tolerances ± .010"

THIN WALL