

Material: Inserts -
 Carbon Steel - C1215 or Equiv.
 Stainless Steel - 303 CRES
 Keys - 302 CRES

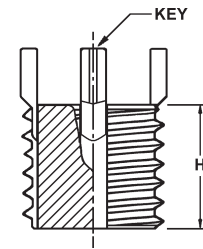
Finish: Carbon Steel - Zinc Phosphate
 Stainless Steel - Passivated

Tolerances: ± 0.010 inch or ± 0.25 mm unless specified otherwise.

Dimensions: Are in inches except metric inserts are in millimeters

Keys: Inserts with an external thread size of 7/16 or M 12 and larger have 4 locking keys. Smaller sizes have 2 locking keys.

Material Identification Mark: None



Solid - Inch

PART NUMBER*		INSERT		INSTALLATION					REMOVAL	
Carbon Steel	Stainless Steel	External Thread (Mod.) Class 2A	Length	Installation Tool Part No.*	Tap Drill Size ¹	C'Sink Dia. $+0.010$ -0.000	Thread Tap		Drill	
							Size Class 2B	Min. Depth	Size	Depth
66001	66401	5/16 - 18	.31	64801	.272	.32	5/16 - 18	.37	7/32	1/8
66002	66402	3/8 - 16	.31	64802	.332	.38	3/8 - 16	.37	9/32	1/8
66003	66403	7/16 - 14	.37	64803	.397	.44	7/16 - 14	.43	11/32	3/16
66004	66404	1/2 - 13	.43	64804	.453	.51	1/2 - 13	.50	13/32	3/16
66005	66405	9/16 - 12	.50	64805	.516	.57	9/16 - 12	.56	15/32	3/16
66006	66406	5/8 - 11	.62	64806	.578	.63	5/8 - 11	.68	17/32	3/16
—	66413	11/16 - 11 NS	.68	64813	.641	.70	11/16 - 11 NS	.75	19/32	3/16
66007	66407	3/4 - 16	.68	64807	.703	.76	3/4 - 16	.75	21/32	3/16
—	66414	13/16 - 16	.81	64814	.766	.82	13/16 - 16	.94	23/32	3/16
66008	66408	7/8 - 14	.87	64808	.828	.88	7/8 - 14	1.00	25/32	5/16
66009	66409	1" - 12	.87	64809	.937	1.02	1" - 12	1.00	27/32	5/16
66010	66410	1-1/8 - 12	1.12	64810	1.062	1.14	1-1/8 - 12	1.31	31/32	5/16
66011	66411	1-1/4 - 12	1.25	64811	1.187	1.27	1-1/4 - 12	1.44	1-3/32	5/16
66012	66412	1-3/8 - 12	1.37	64812	1.312	1.39	1-3/8 - 12	1.56	1-7/32	5/16

* To complete the abbreviated part numbers in the table above use the prefix "215-0"

¹ Tap Drill Hole Tolerance: .234 to .500 = $+0.004/-0.001$
 over .500 = $+0.005/-0.001$

Solid - Metric

PART NUMBER*		INSERT		INSTALLATION					REMOVAL	
Carbon Steel	Stainless Steel	External Thread Class 6g	Length	Installation Tool Part No.*	Tap Drill Size ¹	C'Sink Dia. $+0.25$ -0.00	Thread Tap		Drill	
							Size Class 6H	Min. Depth	Size	Depth
66021	66421	M 8x1.25	8.0	64821	6.90	8.25	M 8x1.25	9.5	5.50	4.00
66022	66422	M 10x1.25	10.0	64822	8.80	10.25	M 10x1.25	12.5	7.50	4.75
66023	66423	M 12x1.25	12.0	64823	10.80	12.25	M 12x1.25	14.5	9.50	4.75
66024	66424	M 14x1.5	14.0	64824	12.80	14.25	M 14x1.5	16.5	11.50	4.75
66025	66425	M 16x1.5	16.0	64825	14.75	16.25	M 16x1.5	18.5	13.50	4.75
66026	66426	M 18x1.5	18.0	64826	16.75	18.25	M 18x1.5	20.5	15.50	4.75
66027	66427	M 20x1.5	20.0	64827	18.75	20.25	M 20x1.5	22.5	17.50	4.75
66028	66428	M 22x1.5	22.0	64828	20.50	22.25	M 22x1.5	24.5	17.75	6.35
66029	66429	M 24x1.5	24.0	64829	22.50	24.25	M 24x1.5	26.5	19.75	6.35
66030	66430	M 30x2.0	30.0	64830	28.00	30.25	M 30x2.0	34.5	25.75	6.35
66031	66431	M 32x2.0	32.0	64831	30.00	32.25	M 32x2.0	36.5	27.75	6.35
66032	66432	M 33x2.0	33.0	64832	31.00	33.25	M 33x2.0	37.5	28.75	6.35

* To complete the abbreviated part numbers in the table above use the prefix "215-0"

¹ Tap Drill Hole Tolerance: 6.90 to 10.80 = $+0.100/-0.025$
 over 12.80 = $+0.130/-0.025$