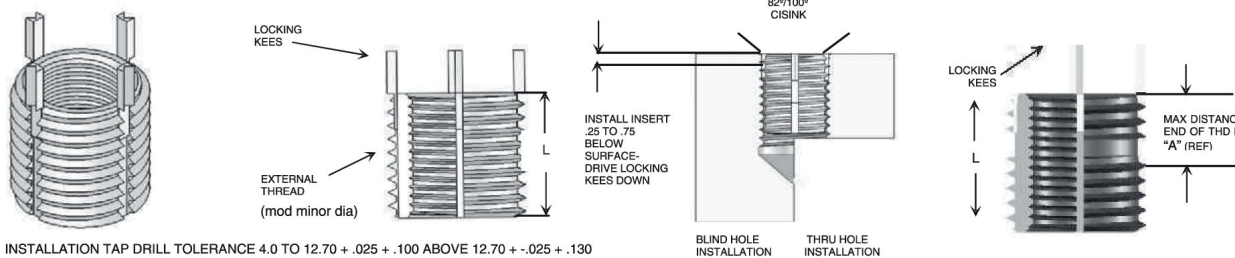


PART NO.		DIMENSIONS					INSTALLATION DATA					REMOVAL DATA	
NON LOCKING	INTERNAL THREAD LOCKING	INTERNAL THREAD CLASS 5H	EXTERNAL THREAD		L +0.3	A	TAP DRILL DIA	C'SINK DIA + .25 - .00	THREAD TAP		INSTALLATION TOOL PART NUMBER	DRILL	
			SIZE CLASS 4H	SHEAR ENGAG (MM)*					SIZE CLASS 6H	MIN DEPTH		SIZE	DEPTH
KNCM 2 X 0.40		M 2 X 0.40	M 4 X 0.70	16.50	3.00	2.20	3.40	4.10	M 4 X 0.7	4.00	TKNCM 2 X 0.40	2.80	2.00
	KNCML 2 X 0.40			10.30									
KNCM 2.5 X 0.45		M 2.5 X 0.45	M 4.5 X 0.75	26.50	3.80	2.70	3.90	4.60	M 4.5 X 0.75	5.00	TKNCM 2.5 X 0.45	3.00	2.00
	KNCML 2.5 X 0.45			15.90									
KNCM 3 X 0.50		M 3 X 0.50	M 3 X 0.8	33.10	4.25	3.10	4.40	5.10	M 5 X 0.80	5.50	TKNCM 3 X 0.50	3.50	2.25
	KNCML 3 X 0.50			21.40									
KNCM 4 X 0.70		M 4 X 0.70	M 6 X 0.75	58.40	5.25	4.10	5.50	6.10	M 6 X 0.75	6.50	TKMCM 4 X 0.70	4.60	2.50
	KNCML 4 X 0.70			42.90									

EXTERNAL THREAD FURNISHED WITH 2 LOCKING KEES

STANDARD MATERIALS: Insert 303 CRES KEES 302 CRES

INSTALLATION TAP- DRILL TOLERANCE 2.0 TO 5.5
= -.0225+.08


INSTALLATION TAP DRILL TOLERANCE 4.0 TO 12.70 + .025 + .100 ABOVE 12.70 + -.025 + .130

BLIND HOLE INSTALLATION THRU HOLE INSTALLATION

PART NO.		DIMENSIONS					INSTALLATION DATA					REMOVAL DATA	
NON LOCKING	INTERNAL THREAD LOCKING	INTERNAL THREAD CLASS 5H	EXTERNAL THREAD		L +/-0.3	A	TAP DRILL DIA	C'SINK DIA + .25 .00	THREAD TAP		INSTALLATIO N TOOL PART NUMBER	DRILL	
			SIZE CLASS 4H*	SHEAR ENGAG (MM)*					SIZE CLASS 6H	MIN DEPTH		SIZE	DEPTH
KNM 5X0.80		M 5 X 0.80	M 8 X 1.25	104.9	8.00	-	6.90	8.25	M 8 X 1.25	9.50	TM-5	5.50	4.00
	KNML 5X0.80			83.1		7.60							
KNM 5X0.50		M 5 X 0.50	M 8 X1.25	104.9	8.00	-	6.90	8.25	M 8 X 1.25	9.50	TM-5	5.50	
	KNML 5X0.50			83.1		7.00							
KNM 6X1.00		M 6 X 1.00	M 10 X 1.25	177.7	10.00	-	8.80	10.25	M 10 X 1.25	11.50	TM-6	7.50	4.75
	KNML 6X1.00			152.7		8.20							
KNM 6X0.75		M 6 X 0.75	M 10 X 1.25	177.7	10.00	-	8.80	10.25	M 10 X 1.25	11.50	TM-6	7.50	
	KNML 6X 0.75			152.7		7.30							
KNM 8X1.25		M 8 X 1.25	M 12 X 1.25	266.7	12.00	-	10.80	12.25	M 12 X 1.25	13.50	TM-8	9.50	
	KNML 8X 1.25			242.5		9.50							
KNM 8X 1.00		M 8 X 1.00	M 12 X 1.25	266.7	12.00	-	10.80	12.25	M 12 X 1.25	13.50	TM-8	9.50	
	KNML 8X1.00			242.5		9.00							
KNM 10X1.50		M 10 X 1.5	M 14 X 1.50	341.6	14.00	-	12.80	14.25	M 14 X 1.5	15.50	TM-10	11.50	
	KNML 10X1.50			316.4		10.00							
KNM 10X1.25		M 10 X 1.25	M 14 X 1.50	341.6	14.00	-	12.80	14.25	M 14 X 1.5	15.50	TM-10	11.50	
	KNML 10X1.25			316.4		9.50							
KNM 12X1.75		M 12 X 1.75	M 16 X 1.50	470.2	16.00	-	14.80	16.25	M 16 X 1.5	17.50	TM-12	13.50	
	KNML 12X1.75			441.4		11.20							
KNM 12X1.25		M 12 X 1.25	M 16 X 1.50	470.2	16.00	-	14.80	16.25	M 16 X 1.5	17.50	TM-12	13.50	
	KNML 12X1.25			441.4		10.20							

STANDARD MATERIALS: INSERT: 303 CRES (passivated)
KEES: 302 CRES

* MODIFIED MINOR DIAMETER

INSERTS WITH INTERNAL THREAD SIZES OF M6 AND UNDER ARE FURNISHED WITH 2 LOCKING KEES AND ABOVE SIZES ARE FURNISHED WITH 4 LOCKING KEES.