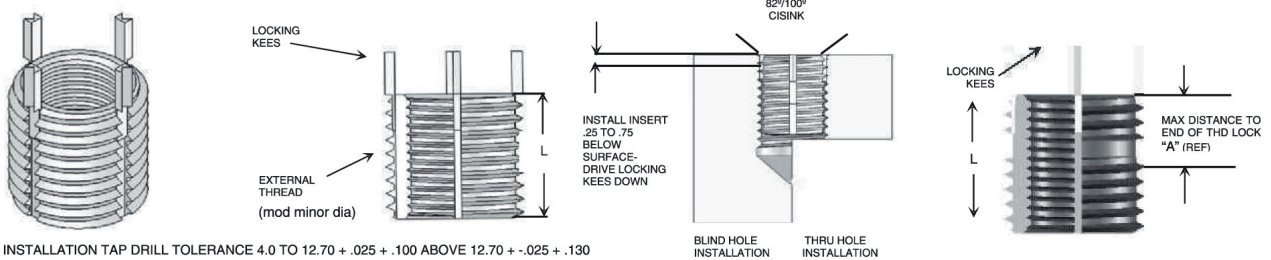


PART NO.		DIMENSIONS					INSTALLATION DATA					REMOVAL DATA	
NON LOCKING	INTERNAL THREAD LOCKING	INTERNAL THREAD CLASS 5H	EXTERNAL THREAD		L +0.3	A	TAP DRILL DIA	C'SINK DIA +.25 -.00	THREAD TAP		INSTALLATION TOOL PART NUMBER	DRILL	
			SIZE CLASS 4H	SHEAR ENGAG (MM)*					SIZE CLASS 6H	MIN DEPTH		SIZE	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

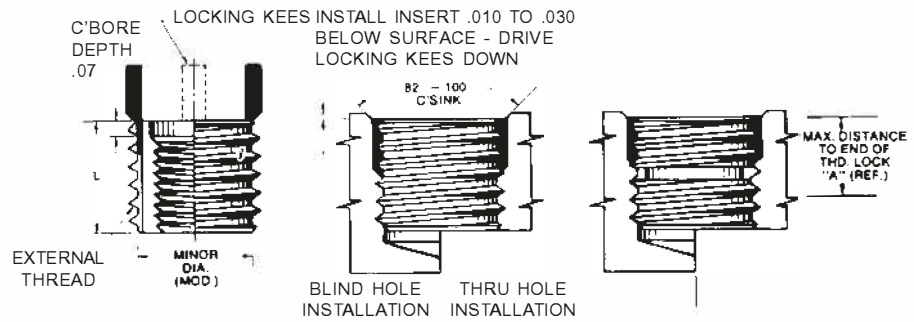
INSTALLATION TAP DRILL TOLERANCE 4.0 TO 12.70 + .025 + .100 ABOVE 12.70 + -.025 + .130

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
KNM 5X0.80		M 5 X 0.80	M 8 X 1.25	104.9	8.00	7.60	6.90	8.25	M 8 X 1.25	9.50	TM-5	5.50	4.00
	KNML 5X0.80			83.1									
KNM 5X0.50		M 5 X 0.50	M 8 X 1.25	104.9	8.00	7.00	6.90	8.25	M 8 X 1.25	9.50	TM-5	5.50	4.00
	KNML 5X0.50			83.1									
KNM 6X1.00		M 6 X 1.00	M 10 X 1.25	177.7	10.00	8.20	8.80	10.25	M 10 X 1.25	11.50	TM-6	7.50	4.75
	KNML 6X1.00			152.7									
KNM 6X0.75		M 6 X 0.75	M 10 X 1.25	177.7	10.00	7.30	8.80	10.25	M 10 X 1.25	11.50	TM-6	7.50	4.75
	KNML 6X 0.75			152.7									
KNM 8X1.25		M 8 X 1.25	M 12 X 1.25	266.7	12.00	9.50	10.80	12.25	M 12 X 1.25	13.50	TM-8	9.50	4.75
	KNML 8X 1.25			242.5									
KNM 8X 1.00		M 8 X 1.00	M 12 X 1.25	266.7	12.00	9.00	10.80	12.25	M 12 X 1.25	13.50	TM-8	9.50	4.75
	KNML 8X1.00			242.5									
KNM 10X1.50		M 10 X 1.5	M 14 X 1.50	341.6	14.00	10.00	12.80	14.25	M 14 X 1.5	15.50	TM-10	11.50	4.75
	KNML 10X1.50			316.4									
KNM 10X1.25		M 10 X 1.25	M 14 X 1.50	341.6	14.00	9.50	12.80	14.25	M 14 X 1.5	15.50	TM-10	11.50	4.75
	KNML 10X1.25			316.4									
KNM 12X1.75		M 12 X 1.75	M 16 X 1.50	470.2	16.00	11.20	14.80	16.25	M 16 X 1.5	17.50	TM-12	13.50	4.75
	KNML 12X1.75			441.4									
KNM 12X1.25		M 12 X 1.25	M 16 X 1.50	470.2	16.00	10.20	14.80	16.25	M 16 X 1.5	17.50	TM-12	13.50	4.75
	KNML 12X1.25			441.4									

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.



IMPERIAL

PART NO.		DIMENSIONS					INSTALLATION DATA					REMOVAL DATA			
NON-LOCKING	INTERNAL THREAD LOCKING	INTERNAL THREAD CLASS 3B	EXTERNAL THREAD		L	A	TAP DRILL DIA.	C'SINK DIA. +.010 -.000	THREAD TAP		INSTALLATION TOOL PART NUMBER	DRILL			
			SIZE CLASS 2A (MOD.)	SHEAR ENGAG.					SIZE CLASS 2B	MIN. DEPTH		SIZE	DEPTH		
▲KN1032J		10 - 32	5/16 - 18	.1517	.31		.272	.323	5/16 - 18	.37	TD 1032L	7/32	5/32		
	▲KNL1032J			.0945		.31									
▲KN1024J		10 - 24		.1517										TD 1024L	
	▲KNL1024J			.0945		.31									
▲KN428J		1/4 - 28	3/8 - 16	.2371	.37		.332	.385	3/8 - 16	.43	TD 428L	9/32	3/16		
	▲KNL428J			.1726		.33								TD 420L	
▲KN420J		1/4 - 20		.2371											
	▲KNL420J			.1726		.36									
▲KN524J		5/16 - 24	7/16 - 14	.3049	.43		.397	.447	7/16 - 14	.50	TD 524L	11/32			
	▲KNL524J			.2321		.34									
▲KN518J		5/16 - 18		.3049											TD518L
	▲KNL518J			.2321		.37									
▲KN624J		3/8 - 24	1/2 - 13	.4299	.50		.453	.510	1/2 - 13	.56	TD 624L	13/32			
	▲KNL624J			.3366		.36									
▲KN616J		3/8 - 16		.4299										TD 616L	
	▲KNL616J			.3366		.40									
KN720J		7/16 - 20	9/16 - 12	.5665	.56		.516	.572	9/16 - 12	.62	TD 720L	15/32			
	KNL720J			.4606		.41									
KN714J		7/16 - 14		.5665										TD 714L	
	KNL714J			.4606		.45									
KN820J		1/2 - 20	5/8 - 11	.7175	.62		.578	.635	5/8 - 11	.68	TD 820L	17/32			
	KNL820J			.5906		.42									
KN813J		1/2 - 13		.7175										TD 813L	
	KNL813J			.5906		.47									