



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 (MM²)*					SIZE CLASS 6H	MIN DEPTH		SIZE	DEPTH
KNHM 4X0.70	KNHML 4X0.70	M 4 X 0.70	M 8 X 1.25	104.90	8.00	8.00	6.90	8.25	M 8 X 1.25	9.50	THM-4	5.50	4.00
				83.10									
KNHM 5X 0.80	KNHML 5X0.80	M 5 X 0.80	M 10 X 1.25	177.70	10.00	8.70	8.80	10.25	M 10 X 1.25	12.50	THM -5	7.50	4.75
				152.70									
KNHM 6X 1.00	KNHML 6X1.00	M 6 X 1.00	M 12 X 1.25	266.70	12.00	9.50	10.80	12.25	M 12 X 1.25	14.50	THM -6	9.50	4.75
				242.50									
KNHM 8X1.25	KNHML 8X1.25	M 8 X 1.25	M 14 X 1.50	341.60	14.00	10.00	12.80	14.25	M 14 X 1.50	16.50	THM-8	11.50	4.75
				316.40									
KNHM 8X1.00	KNHML 6X1.00	M 8 X 1.00	M 14 X 1.50	341.60	14.00	10.00	12.80	14.25	M 14 X 1.50	16.50	THM -8	11.50	4.75
				316.40									
KNHM 10X1.50	KNHML 10X1.50	M 10 X 1.50	M 16 X 1.50	470.20	16.00	10.00	14.75	16.25	M 16 X 1.50	18.50	THM -10	13.50	4.75
				441.40									
KNHM 10X 1.25	KNHML 10X1.25	M 10 X 1.25	M 16 X 1.50	470.20	16.00	10.00	14.75	16.25	M 16 X 1.50	18.50	THM -10	13.50	4.75
				441.40									
KNHM 12X1.75	KNHML 12X1.75	M 12 X 1.75	M 18 X 1.50	608.50	18.00	10.70	16.75	18.25	M 18 X 1.50	20.50	THM-12	15.50	4.75
				561.80									
KNHM 12X1.50	KNHML 12X1.50	M 12 X 1.50	M 18 X 1.50	608.50	18.00	10.70	16.75	18.25	M 18 X 1.50	20.50	THM- 12	15.50	4.75
				561.80									
KNHM 12X1.25	KNHML 12X1.25	M 12 X 1.25	M 18 X 1.50	608.50	18.00	10.70	16.75	18.25	M 18 X 1.50	20.50	THM -12	15.50	4.75
				561.80									
KNHM 14X2.00	KNHML 14X2.00	M 14 X 2.00	M 20 X 1.50	770.50	20.00	12.40	18.75	20.25	M 20 X 1.50	22.50	THM -14	17.50	4.75
				724.40									
KNHM 14X1.50	KNHML 14X1.50	M 14 X 1.50	M 20 X 1.50	770.50	20.00	12.40	18.75	20.25	M 20 X 1.50	22.50	THM -14	17.50	4.75
				724.40									
KNHM 16X2.00	KNHML 16X2.00	M 16 X 2.00	M 22 X 1.50	896.80	22.00	12.40	20.50	22.25	M 22 X 1.50	24.50	THM -16	17.75	6.35
				855.20									
KNHM 16X1.50	KNHML 16X1.50	M 16 X 1.50	M 22 X 1.50	896.80	22.00	12.40	20.50	22.25	M 22 X 1.50	24.50	THM -16	17.75	6.35
				855.20									
KNHM 18X1.50	KNHML 18X1.50	M 18 X 1.50	M 24 X 1.50	1084.40	24.00	16.80	22.50	24.25	M 24 X 1.50	26.50	THM -18	19.75	6.35
				1051.50									
KNHM 20X2.50	KNHML 20X2.50	M 20 X 2.50	M 30X 2.00	1774.30	30.00	17.50	28.00	30.25	M 30 X 2.00	34.50	THM -20	25.75	6.35
				1736.40									
KNHM 20X1.50	KNHML 20X1.50	M 20 X 1.50	M 30 X 2.00	1774.30	30.00	17.50	28.00	30.25	M 30 X 2.00	34.50	THM -20	25.75	6.35
				1736.40									
KNHM 22X1.50	KNHML 22X1.50	M 22 X 1.50	M 32 X 2.00	2045.90	32.00	18.30	30.00	32.25	M 32 X 2.00	36.50	THM -22	27.75	6.35
				2014.70									
KNHM 24X3.00	KNHML 24X3.00	M 24 X 3.00	M 33 X 2.00	2189.40	33.00	19.0	31.00	33.25	M 33 X 2.00	37.50	THM -24	28.75	6.35
				2161.90									
KNHM 24X2.00	KNHML 24X2.00	M 24 X 2.00	M 33 X 2.00	2189.40	33.00	19.00	31.00	33.25	M 33 X 2.00	37.50	THM -24	28.75	6.35
				2161.90									

INSERTS WITH INTERNAL THREAD SIZES OF M6 AND UNDER ARE FURNISHED WITH 2 LOCKING KEES, M8 AND ABOVE SIZES ARE FURNISHED WITH 4 LOCKING KEES

\* TO CONVERT MM² TO IN² MULTIPLY MM² BY .001550

\* MODIFIED MINOR DIAMETER

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

STANDARD MATERIALS. Insert 303 CRES (passivated)  
KEES: 302 CRES