

ADVANEX EUROPE LTD
TANGED COILTHREAD SPECIFICATION
METRIC

ISSUE LEVEL:	4
ISSUE DATE:	29-Jul-14
COMPLIED	N WILSON
CHECKED:	I MILLS
AUTHORISED:	I HAIGH
APPROVED:	R NEWHAM

RECORD OF CHANGES

PART NO. / DESC.	CHANGE	ISS.	DATE	AUTH.
TNM14X2C-14	SIZE ADDED	2	25-Oct-12	IM
TNM14X2C-28	SIZE ADDED	2	25-Oct-12	IM
M5X ALL D's L&F	OD ADJUSTED FROM 6.35-6.45 TO 6.30-6.40	3	20-Dec-13	IM
M5X ALL D's L&F	FIRST COIL C. ADJUSTED FROM 6.25-6.42 TO 6.15-6.37	3	20-Dec-13	IM
M8X ALL D's L&F	FIRST COIL C. ADJUSTED FROM 9.50 - 9.73 TO 9.50 - 9.82	3	20-Dec-13	IM
M2.5 M3.5 M4 M5	TANG LENGTHS ADJUSTED TO MEET MA SPEC	4	29-Jul-14	NW
M6 M8 M10 M12	TANG LENGTHS ADJUSTED TO MEET MA SPEC	4	29-Jul-14	NW
M14	TANG LENGTHS ADJUSTED TO MEET MA SPEC	4	29-Jul-14	NW

TANGED COIL THREAD SPECIFICATION (METRIC)

1.0 X DIAM.

LOCKING ONLY																		
	A		B	C			D		E		F	PITCH		K	L	M	TORQUE (lb - in)	
	LGTH	MIN.	MAX.	± 0.25	MIN.	MAX.	Min Re.	MIN.	MAX.	MIN.	MAX.		MIN.	MAX.	± 1		MIN.	MAX.
M2.5 X 0.45	2.5	3.30	3.34	3.375	3.05	3.31	-0.03	20	100	1.60	2.25	0.05	0.42	0.50	1.6875	4	1	0.531 1.947
M3 X 0.5	3	3.90	3.94	3.75	3.60	3.80	-0.03	20	100	1.95	2.80	0.05	0.47	0.55	1.8750	4	1	0.885 3.894
M3.5 X 0.6	3.5	4.55	4.61	3.75	4.40	4.58	-0.03	20	100	2.20	3.00	0.05	0.56	0.64	1.8750	4	1	1.06 6.02
M4 X 0.7	4	5.15	5.22	3.62	5.05	5.19	-0.03	20	100	2.50	3.55	0.05	0.66	0.76	1.8125	4	1	1.416 7.965
M5 X 0.8	5	6.30	6.40	4.125	6.15	6.37	-0.03	20	100	3.15	4.55	0.05	0.76	0.86	2.0625	5	1	2.66 14.16
M6 X 1.0	6	7.60	7.75	4	7.40	7.72	-0.03	20	100	3.70	4.85	0.13	0.96	1.07	2.0000	5	1	3.54 26.55
M8 X 1.25	8	9.85	10.00	4.5	9.50	9.82	-0.03	20	100	4.75	6.50	0.15	1.21	1.29	2.2500	5	1	7.08 53.1
M10 X 1.5	10	12.10	12.25	4.875	11.80	12.22	-0.03	20	100	5.50	8.00	0.23	1.40	1.60	2.4375	5	1	12.39 88.504
M12 X 1.75	12	14.40	14.60	5	14.10	14.57	-0.03	20	100	6.70	9.75	0.28	1.70	1.87	2.5000	5	1	19.471 132.756
M14 X 2	14	16.65	17.00	5.125	16.40	16.90	-0.03	20	100	7.20	11.25	0.31	1.93	2.12				

TANGED COIL THREAD SPECIFICATION (METRIC)

1.5 DIAM.

LOCKING ONLY																		
	A		B	C			D		E		F	PITCH		K	L	M	TORQUE (lb - in)	
	LGTH	MIN.	MAX.	± 0.25	MIN.	MAX.	Min Re.	MIN.	MAX.	MIN.	MAX.		MIN.	MAX.	± 1		MIN.	MAX.
M2.5 X 0.45	3.8	3.30	3.34	5.625	3.05	3.31	-0.03	20	100	1.60	2.25	0.05	0.42	0.50	2.8125	4	1	0.531 1.947
M3 X 0.5	4.5	3.90	3.94	6.375	3.60	3.80	-0.03	20	100	1.95	2.80	0.05	0.47	0.55	3.1875	4	1	0.885 3.894
M3.5 X 0.6	5.3	4.55	4.61	6.25	4.40	4.58	-0.03	20	100	2.20	3.00	0.05	0.56	0.64	3.1250	4	1	1.06 6.02
M4 X 0.7	6	5.15	5.22	6.125	5.05	5.19	-0.03	20	100	2.50	3.55	0.05	0.66	0.76	3.0625	4	1	1.416 7.965
M5 X 0.8	7.5	6.30	6.40	6.875	6.15	6.37	-0.03	20	100	3.15	4.55	0.05	0.76	0.86	3.4375	5	1	2.66 14.16
M6 X 1.0	9	7.60	7.75	6.75	7.40	7.72	-0.03	20	100	3.70	4.85	0.13	0.96	1.07	3.3750	5	1	3.54 26.55
M8 X 1.25	12	9.85	10.00	7.375	9.50	9.82	-0.03	20	100	4.75	6.50	0.15	1.21	1.29	3.6875	5	1	7.08 53.1
M10 X 1.5	15	12.10	12.25	8	11.80	12.22	-0.03	20	100	5.50	8.00	0.23	1.40	1.60	4.0000	5	1	12.39 88.504
M12 X 1.75	18	14.40	14.60	8.25	14.10	14.57	-0.03	20	100	6.70	9.75	0.28	1.70	1.87	4.1250	5	1	19.471 132.756

TANGED COIL THREAD SPECIFICATION (METRIC)

2.0 DIAM.

LOCKING ONLY																		
		A		B	C		D		E		F	PITCH		K	L	M	QUE (lb - in)	
	LGTH	MIN.	MAX.	± 0.25	MIN.	MAX.	Min Re.	MIN.	MAX.	MIN.	MAX.		MIN.	MAX.	± 1		MIN.	MAX.
M2.5 X 0.45	5	3.30	3.34	8	3.05	3.31	-0.03	20	100	1.60	2.25	0.05	0.42	0.50	4.0000	4	1	0.531 1.947
M3 X 0.5	6	3.90	3.94	8.875	3.60	3.80	-0.03	20	100	1.95	2.80	0.05	0.47	0.55	4.4375	4	1	0.885 3.894
M3.5 X 0.6	7	4.55	4.61	8.75	4.40	4.58	-0.03	20	100	2.20	3.00	0.05	0.56	0.64	4.3750	4	1	1.06 6.02
M4 X 0.7	8	5.15	5.22	8.625	5.05	5.19	-0.03	20	100	2.50	3.55	0.05	0.66	0.76	4.3125	4	1	1.416 7.965
M5 X 0.8	10	6.30	6.40	9.625	6.15	6.37	-0.03	20	100	3.15	4.55	0.05	0.76	0.86	4.8125	5	1	2.66 14.16
M6 X 1.0	12	7.60	7.75	9.5	7.40	7.72	-0.03	20	100	3.70	4.85	0.13	0.96	1.07	4.7500	5	1	3.54 26.55
M8 X 1.25	16	9.85	10.00	10.25	9.50	9.82	-0.03	20	100	4.75	6.50	0.15	1.21	1.29	5.1250	5	1	7.08 53.1
M10 X 1.5	20	12.10	12.25	11.125	11.80	12.22	-0.03	20	100	5.50	8.00	0.23	1.40	1.60	5.5625	5	1	12.39 88.504
M12 X 1.75	24	14.40	14.60	11.5	14.10	14.57	-0.03	20	100	6.70	9.75	0.28	1.70	1.87	5.7500	5	1	19.471 132.756
12.22 12.20																		
M14 X 2	28	16.65	17.00	11.750	16.40	16.90	-0.03	20	100	7.20	11.25	0.31	1.93	2.12				

2.5 DIAM.

TANGED COIL THREAD SPECIFICATION (METRIC)

LOCKING ONLY													
	A		B	C			D		E		F	PTCH	
	LGTH	MIN.	MAX.	± 0.25	MIN.	MAX.	Min Re.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
M2.5 X 0.45	6.3	3.30	3.34	10.375	3.05	3.31	-0.03	20	100	1.60	2.25	0.05	0.42
M3 X 0.5	7.5	3.90	3.94	11.375	3.60	3.80	-0.03	20	100	1.95	2.80	0.05	0.47
M3.5 X 0.6	8.8	4.55	4.61	11.375	4.40	4.58	-0.03	20	100	2.20	3.00	0.05	0.56
M4 X 0.7	10	5.15	5.22	11.125	5.05	5.19	-0.03	20	100	2.50	3.55	0.05	0.66
M5 X 0.8	12.5	6.30	6.40	12.375	6.15	6.37	-0.03	20	100	3.15	4.55	0.05	0.76
M6 X 1.0	15	7.60	7.75	12.125	7.40	7.72	-0.03	20	100	3.70	4.85	0.13	0.96
M8 X 1.25	20	9.85	10.00	13.125	9.50	9.82	-0.03	20	100	4.75	6.50	0.15	1.21
M10 X 1.5	25	12.10	12.25	14.25	11.80	12.22	-0.03	20	100	5.50	8.00	0.23	1.40
M12 X 1.75	30	14.40	14.60	14.625	14.10	14.57	-0.03	20	100	6.70	9.75	0.28	1.70

TANGED COIL THREAD SPECIFICATION (METRIC)

3.0 DIAM.

																			LOCKING ONLY			
	LGTH	A		B	C			D		E		F	PITCH		K	L	M	TORQUE (lb - in)				
		MIN.	MAX.	± 0.25	MIN.	MAX.	Min Re.	MIN.	MAX.	MIN.	MAX.		MIN.	MAX.	± 1			MIN.	MAX.			
M2.5 X 0.45	7.5	3.30	3.34	12.652	3.05	3.31	-0.03	20	100	1.60	2.25	0.05	0.42	0.50	8.6250	4	1	0.531	1.947			
M3 X 0.5	9	3.90	3.94	13.875	3.60	3.80	-0.03	20	100	1.95	2.80	0.05	0.47	0.55	9.4375	4	1	0.885	3.894			
M3.5 X 0.6	10.5	4.55	4.61	13.75	4.40	4.58	-0.03	20	100	2.20	3.00	0.05	0.56	0.64	9.3125	4	1	1.06	6.02			
M4 X 0.7	12	5.15	5.22	13.625	5.05	5.19	-0.03	20	100	2.50	3.55	0.05	0.66	0.76	9.3125	4	1	1.416	7.965			
M5 X 0.8	15	6.30	6.40	15.125	6.15	6.37	-0.03	20	100	3.15	4.55	0.05	0.76	0.86	10.3125	5	1	2.66	14.16			
M6 X 1.0	18	7.60	7.75	14.875	7.40	7.72	-0.03	20	100	3.70	4.85	0.13	0.96	1.07	10.1250	5	1	3.54	26.55			
M8 X 1.25	24	9.85	10.00	16.125	9.50	9.82	-0.03	20	100	4.75	6.50	0.15	1.21	1.29	11.0000	5	1	7.08	53.1			
M10 X 1.5	30	12.10	12.25	17.375	11.80	12.22	-0.03	20	100	5.50	8.00	0.23	1.40	1.60	11.8125	5	1	12.39	88.504			
M12 X 1.75	36	14.40	14.60	17.875	14.10	14.57	-0.03	20	100	6.70	9.75	0.28	1.70	1.87	12.1250	5	1	19.471	132.756			

TANGED COLI'THREAD SPECIFICATION (METRIC)
NON STANDARD SIZES

														LOCKING ONLY			
		A		B		C		D		E		F		PITCH		K	
LENGTH		MIN.	MAX.	± 0.25	MIN.	MAX.	Min Re.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	± 1	
1.0 D																	
M7 X 1.0								20°	100°			0.10				5	1
M10 X 1.25								20°	100°			0.13				5	1
M12 X 1.25	14.40	14.60	7.250	13.50	14.00	-0.03		20°	100°	6.70	9.75	0.15	1.23	1.32	3.625	5	1
M12 X 1.5								20°	100°			0.25				5	1
M16 X 1.5								20°	100°			0.18				5	1
1.5 D																	
M7 X 1.0								20°	100°			0.10				5	1
M10 X 1.25								20°	100°			0.13				5	1
M12 X 1.25	14.40	14.60	11.625	13.50	14.00	-0.03		20°	100°	6.70	9.75	0.15	1.23	1.32	5.8125	5	1
M12 X 1.5								20°	100°			4.85				5	1
M16 X 1.5								20°	100°			0.18				5	1
2.0 D																	
M7 X 1.0								20°	100°			0.10				5	1
M10 X 1.25								20°	100°			0.13				5	1
M12 X 1.25	14.40	14.60	15.875	13.50	14.00	-0.03		20°	100°	6.70	9.75	0.15	1.23	1.32	7.9375	5	1
M12 X 1.5								20°	100°			0.25				5	1
M16 X 1.5								20°	100°			0.18				5	1
2.5 D																	
M7 X 1.0								20°	100°			0.10				5	1
M10 X 1.25								20°	100°			0.13				5	1
M12 X 1.25	14.40	14.60	20.250	13.50	14.00	-0.03		20°	100°	6.70	9.75	0.15	1.23	1.32	12.3125	5	1
M12 X 1.5								20°	100°			0.25				5	1
M16 X 1.5								20°	100°			0.18				5	1
3.0 D																	
M7 X 1.0								20°	100°			0.10				5	1
M10 X 1.25								20°	100°			0.13				5	1
M12 X 1.25	14.40	14.60	24.500	13.50	14.00	-0.03		20°	100°	6.70	9.75	0.15	1.23	1.32	16.5625	5	1
M12 X 1.5								20°	100°			0.25				5	1
M16 X 1.5								20°	100°			0.18				5	1