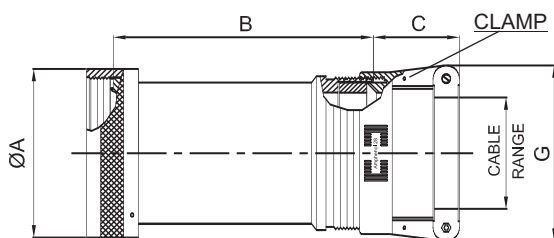


Connector Group - J

Straight



MIL Part Number

M85049 / 99 9 X

MIL Series

Finish:
See Table-2

Slash sheet
11: Straight spin coupling

Dash Number:
See Table-A

NOTE: * For more cable entry and length options, contact factory

TABLE - A												
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	1	5	8	0.62	15.67	2.13	54.10	1.03	26.09	0.96	24.31
		2	6		0.62	15.67	3.13	79.50	1.03	26.09	0.96	24.31
	02	1	7*		0.62	15.67	2.88	73.15	1.03	26.09	1.15	29.08
		2	8*		0.62	15.67	3.88	98.55	1.03	26.09	1.15	29.08
10	01	1	9	10	0.73	18.64	2.13	54.10	1.03	26.09	0.96	24.31
		2	10		0.73	18.64	3.13	79.50	1.03	26.09	0.96	24.31
	02	1	11*		0.73	18.64	2.88	73.15	1.03	26.09	1.15	29.08
		2	12*		0.73	18.64	3.88	98.55	1.03	26.09	1.15	29.08
	03	1	136		0.73	18.64	2.13	54.10	1.03	26.09	1.15	29.08
		2	137		0.73	18.64	3.13	79.50	1.03	26.09	1.15	29.08
12	01	1	13	7/12	0.86	21.79	2.13	54.10	1.03	26.09	1.15	29.08
		2	14		0.86	21.79	3.13	79.50	1.03	26.09	1.15	29.08
	02	1	15*		0.86	21.79	2.88	73.15	1.03	26.09	1.33	33.83
		2	16*		0.86	21.79	3.88	98.55	1.03	26.09	1.33	33.83
	03	1	111		0.86	21.79	2.13	54.10	1.03	26.09	1.33	33.83
		2	114		0.86	21.79	2.13	54.10	1.03	26.09	0.96	24.31
	04	1	115		0.86	21.79	3.13	79.50	1.03	26.09	0.96	24.31
		2	138		0.86	21.79	2.13	54.10	1.03	26.09	1.33	33.83
	05	1	139		0.86	21.79	3.13	79.50	1.03	26.09	1.33	33.83
		2										

Table Continued

Connector Group - J

Straight

TABLE - A												
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM
14	01	1	17	12/14	0.98	24.99	2.13	54.10	1.03	26.09	1.33	33.83
		2	18		0.98	24.99	3.13	79.50	1.03	26.09	1.33	33.83
	02	1	19*		0.98	24.99	2.88	73.15	1.06	26.90	1.55	39.40
		2	20*		0.98	24.99	3.88	98.55	1.06	26.90	1.55	39.40
	03	1	116		0.98	24.99	2.13	54.10	1.03	26.09	1.15	29.08
		2	117		0.98	24.99	3.13	79.50	1.03	26.09	1.15	29.08
	04	1	150		0.98	24.99	2.13	54.10	1.03	26.09	0.96	24.31
		2	151		0.98	24.99	3.13	79.50	1.03	26.09	0.96	24.31
16	01	1	21	19/16	1.11	28.24	2.13	54.10	1.06	26.90	1.55	39.40
		2	22		1.11	28.24	3.13	79.50	1.06	26.90	1.55	39.40
	02	1	23*		1.11	28.24	2.88	73.15	1.16	29.36	1.77	44.96
		2	24*		1.11	28.24	3.88	98.55	1.16	29.36	1.77	44.96
	03	1	112		1.11	28.24	2.13	54.10	1.03	26.09	1.15	29.08
		2	113		1.11	28.24	3.13	79.50	1.03	26.09	1.15	29.08
	04	1	118		1.11	28.24	2.13	54.10	1.03	26.09	1.33	33.83
		2	119		1.11	28.24	3.13	79.50	1.03	26.09	1.33	33.83
	05	1	152		1.11	28.24	2.13	54.10	1.03	26.09	0.96	24.31
		2	153		1.11	28.24	3.13	79.50	1.03	26.09	0.96	24.31
18	01	1	25	27/18	1.22	30.94	2.13	54.10	1.03	26.09	1.33	33.83
		2	26		1.22	30.94	3.13	79.50	1.03	26.09	1.33	33.83
	02	1	27		1.22	30.94	2.13	54.10	1.06	26.90	1.55	39.40
		2	28		1.22	30.94	3.13	79.50	1.06	26.90	1.55	39.40
	03	1	29*		1.22	30.94	2.88	73.15	1.16	29.36	1.77	44.96
		2	30*		1.22	30.94	3.88	98.55	1.16	29.36	1.77	44.96
	04	1	120		1.22	30.94	2.13	54.10	1.03	26.09	0.96	24.31
		2	121		1.22	30.94	3.13	79.50	1.03	26.09	0.96	24.31
	05	1	122		1.22	30.94	2.13	54.10	1.03	26.09	1.15	29.08
		2	123		1.22	30.94	3.13	79.50	1.03	26.09	1.15	29.08
20	01	1	31	37/20	1.35	34.16	3.13	79.50	1.03	26.09	1.33	33.83
		2	32		1.35	34.16	4.13	104.90	1.03	26.09	1.33	33.83
	02	1	33		1.35	34.16	3.13	79.50	1.06	26.90	1.55	39.40
		2	34		1.35	34.16	4.13	104.90	1.06	26.90	1.55	39.40
	03	1	35*		1.35	34.16	3.88	98.55	1.16	29.36	1.77	44.96
		2	36*		1.35	34.16	4.88	123.95	1.16	29.36	1.77	44.96
	04	1	37*		1.35	34.16	3.88	98.55	1.38	34.93	2.11	53.67
		2	38*		1.35	34.16	4.88	123.95	1.38	34.93	2.11	53.67
	05	1	124		1.35	34.16	3.13	79.50	1.03	26.09	1.15	29.08
		2	125		1.35	34.16	4.13	104.90	1.03	26.09	1.15	29.08
	06	1	140		1.35	34.16	3.13	79.50	1.16	29.36	1.77	44.96
		2	141		1.35	34.16	4.13	104.90	1.16	29.36	1.77	44.96
22	01	1	39	22	1.47	37.29	3.13	79.50	1.03	26.09	1.33	33.83
		2	40		1.47	37.29	4.13	104.90	1.03	26.09	1.33	33.83
	02	1	41		1.47	37.29	3.13	79.50	1.06	26.90	1.55	39.40
		2	42		1.47	37.29	4.13	104.90	1.06	26.90	1.55	39.40
	03	1	43		1.47	37.29	3.13	79.50	1.16	29.36	1.77	44.96
		2	44		1.47	37.29	4.13	104.90	1.16	29.36	1.77	44.96
	04	1	45*		1.47	37.29	3.88	98.55	1.38	34.93	2.11	53.67
		2	46*		1.47	37.29	4.88	123.95	1.38	34.93	2.11	53.67
	05	1	126		1.47	37.29	3.13	79.50	1.03	26.09	0.96	24.31
		2	127		1.47	37.29	4.13	104.90	1.03	26.09	0.96	24.31
	06	1	128		1.47	37.29	3.13	79.50	1.03	26.09	1.15	29.08
		2	129		1.47	37.29	4.13	104.90	1.03	26.09	1.15	29.08
	07	1	142		1.47	37.29	3.13	79.50	1.38	34.93	2.11	53.67
		2	143		1.47	37.29	4.13	104.90	1.38	34.93	2.11	53.67

Table Continued



Connector Group - J

Straight

TABLE - A												
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM
24	01	1	47	24	1.59	40.46	3.13	79.50	1.06	26.90	1.55	39.40
		2	48		1.59	40.46	4.13	104.90	1.06	26.90	1.55	39.40
	02	1	49		1.59	40.46	3.13	79.50	1.16	29.36	1.77	44.96
		2	50		1.59	40.46	4.13	104.90	1.16	29.36	1.77	44.96
	03	1	51		1.59	40.46	3.13	79.50	1.16	29.36	1.77	44.96
		2	52		1.59	40.46	4.13	104.90	1.16	29.36	1.77	44.96
	04	1	53*		1.59	40.46	3.88	98.55	1.38	34.93	2.11	53.67
		2	54*		1.59	40.46	4.88	123.95	1.38	34.93	2.11	53.67
	05	1	130		1.59	40.46	3.13	79.50	1.03	26.09	1.33	33.83
		2	131		1.59	40.46	4.13	104.90	1.03	26.09	1.33	33.83
	06	1	144		1.59	40.46	3.13	79.50	1.38	34.93	2.11	53.67
		2	145		1.59	40.46	4.13	104.90	1.38	34.93	2.11	53.67
28	01	1	55	28	1.97	50.01	3.13	79.50	1.06	26.90	1.55	39.40
		2	56		1.97	50.01	4.13	104.90	1.06	26.90	1.55	39.40
	02	1	57		1.97	50.01	3.13	79.50	1.16	29.36	1.77	44.96
		2	58		1.97	50.01	4.13	104.90	1.16	29.36	1.77	44.96
	03	1	59		1.97	50.01	3.13	79.50	1.38	34.93	2.11	53.67
		2	60		1.97	50.01	4.13	104.90	1.38	34.93	2.11	53.67
	04	1	61		1.97	50.01	3.13	79.50	1.50	38.10	2.36	60.02
		2	62		1.97	50.01	4.13	104.90	1.50	38.10	2.36	60.02
32	01	1	63	32	2.22	56.36	3.13	79.50	1.16	29.36	1.77	44.96
		2	64		2.22	56.36	4.13	104.90	1.16	29.36	1.77	44.96
	02	1	65		2.22	56.36	3.13	79.50	1.38	34.93	2.11	53.67
		2	66		2.22	56.36	4.13	104.90	1.38	34.93	2.11	53.67
	03	1	67		2.22	56.36	3.13	79.50	1.50	38.10	2.36	60.02
		2	68		2.22	56.36	4.13	104.90	1.50	38.10	2.36	60.02
	04	1	69		2.22	56.36	3.13	79.50	1.78	45.24	2.77	70.36
		2	70		2.22	56.36	4.13	104.90	1.78	45.24	2.77	70.36
36	01	1	71	36	2.47	62.71	4.13	104.90	1.38	34.93	2.11	53.67
		2	72		2.47	62.71	5.13	130.30	1.38	34.93	2.11	53.67
	02	1	73		2.47	62.71	4.13	104.90	1.50	38.10	2.36	60.02
		2	74		2.47	62.71	5.13	130.30	1.50	38.10	2.36	60.02
	03	1	75		2.47	62.71	4.13	104.90	1.78	45.24	2.77	70.36
		2	76		2.47	62.71	5.13	130.30	1.78	45.24	2.77	70.36
	04	1	77*		2.47	62.71	5.01	127.25	1.83	46.48	3.02	76.71
		2	78*		2.47	62.71	6.01	152.65	1.83	46.48	3.02	76.71
	05	1	132		2.47	62.71	4.13	104.90	1.06	26.90	1.55	39.40
		2	133		2.47	62.71	5.13	130.30	1.06	26.90	1.55	39.40
	06	1	146		2.47	62.71	4.13	104.90	1.83	46.48	3.02	76.71
		2	147		2.47	62.71	5.13	130.30	1.83	46.48	3.02	76.71
	07	1	148		2.47	62.71	4.13	104.90	1.16	29.36	1.77	44.96
		2	149		2.47	62.71	5.13	130.30	1.16	29.36	1.77	44.96

Table Continued



Connector Group - J

Straight

TABLE - A												
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM
40	01	1	79	40	2.72	69.06	4.13	104.90	1.38	34.93	2.11	53.67
		2	80		2.72	69.06	5.13	130.30	1.38	34.93	2.11	53.67
	02	1	81		2.72	69.06	4.13	104.90	1.50	38.10	2.36	60.02
		2	82		2.72	69.06	5.13	130.30	1.50	38.10	2.36	60.02
	03	1	83		2.72	69.06	4.13	104.90	1.78	45.24	2.77	70.36
		2	84		2.72	69.06	5.13	130.30	1.78	45.24	2.77	70.36
	04	1	85		2.72	69.06	4.13	104.90	1.83	46.48	3.02	76.71
		2	86		2.72	69.06	5.13	130.30	1.83	46.48	3.02	76.71
	05	1	134		2.72	69.06	4.13	104.90	1.06	26.90	1.55	39.40
		2	135		2.72	69.06	5.13	130.30	1.06	26.90	1.55	39.40
	06	1	156		2.72	69.06	4.13	104.90	1.16	29.36	1.77	44.96
		2	157		2.72	69.06	5.13	130.30	1.16	29.36	1.77	44.96
44	01	1	87	44	2.97	75.41	4.13	104.90	1.38	34.93	2.11	53.67
		2	88		2.97	75.41	5.13	130.30	1.38	34.93	2.11	53.67
	02	1	89		2.97	75.41	4.13	104.90	1.50	38.10	2.36	60.02
		2	90		2.97	75.41	5.13	130.30	1.50	38.10	2.36	60.02
	03	1	91		2.97	75.41	4.13	104.90	1.78	45.24	2.77	70.36
		2	92		2.97	75.41	5.13	130.30	1.78	45.24	2.77	70.36
	04	1	93		2.97	75.41	4.13	104.90	1.83	46.48	3.02	76.71
		2	94		2.97	75.41	5.13	130.30	1.83	46.48	3.02	76.71
	05	1	154		2.97	75.41	4.13	104.90	1.16	29.36	1.77	44.96
		2	155		2.97	75.41	5.13	130.30	1.16	29.36	1.77	44.96
48	01	1	95	48	3.22	81.76	4.13	104.90	1.38	34.93	2.11	53.67
		2	96		3.22	81.76	5.13	130.30	1.38	34.93	2.11	53.67
	02	1	97		3.22	81.76	4.13	104.90	1.50	38.10	2.36	60.02
		2	98		3.22	81.76	5.13	130.30	1.50	38.10	2.36	60.02
	03	1	99		3.22	81.76	4.13	104.90	1.78	45.24	2.77	70.36
		2	100		3.22	81.76	5.13	130.30	1.78	45.24	2.77	70.36
	04	1	101		3.22	81.76	4.13	104.90	1.83	46.48	3.02	76.71
		2	102		3.22	81.76	5.13	130.30	1.83	46.48	3.02	76.71

(*) ----- DENOTES STYLE 2

Table Continued



Connector Group - J

Straight

TABLE - A										
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	CABLE RANGE					
SHELL SIZE	ENTRY SIZE	LENGTH	DASH NO		MIN		MAX			
					INCH	MM	INCH	MM		
08	01	1	5	8	0.13	3.18	0.25	6.35		
		2	6		0.13	3.18	0.25	6.35		
	02	1	7*		0.25	6.35	0.44	11.10		
		2	8*		0.25	6.35	0.44	11.10		
10	01	1	9	10	0.13	3.18	0.31	7.92		
		2	10		0.13	3.18	0.31	7.92		
	02	1	11*		0.25	6.35	0.44	11.10		
		2	12*		0.25	6.35	0.44	11.10		
	03	1	136		0.25	6.35	0.38	9.53		
		2	137		0.25	6.35	0.38	9.53		
	12	01	1		13	7/12	0.25	6.35	0.44	11.10
			2		14		0.25	6.35	0.44	11.10
02		1	15*	0.35	8.89		0.63	15.88		
		2	16*	0.35	8.89		0.63	15.88		
03		1	111	0.35	8.89		0.50	12.70		
		2	114	0.13	3.18		0.31	7.92		
04		1	115	0.13	3.18		0.31	7.92		
		2	138	0.35	8.89		0.50	12.70		
05		1	139	0.35	8.89		0.50	12.70		
		2	17	12/14	0.35		8.89	0.58	14.61	
01		2	18		0.35		8.89	0.58	14.61	
		02	1		19*		0.50	12.70	0.75	19.05
2	20*		0.50		12.70	0.75	19.05			
03	1	116	0.25		6.35	0.44	11.10			
	2	117	0.25		6.35	0.44	11.10			
04	1	150	0.13		3.18	0.31	7.92			
	2	151	0.13		3.18	0.31	7.92			
16	01	1	21		19/16	0.50	12.70	0.70	17.78	
		2	22			0.50	12.70	0.70	17.78	
	02	1	23*			0.63	15.88	0.94	23.80	
		2	24*			0.63	15.88	0.94	23.80	
	03	1	112	0.25		6.35	0.44	11.10		
		2	113	0.25		6.35	0.44	11.10		
	04	1	118	0.35		8.89	0.63	15.88		
		2	119	0.35		8.89	0.63	15.88		
	05	1	152	0.13		3.18	0.31	7.92		
		2	153	0.13		3.18	0.31	7.92		
	18	01	1	25		27/18	0.35	8.89	0.63	15.88
			2	26			0.35	8.89	0.63	15.88
02		1	27	0.50	12.70		0.75	19.05		
		2	28	0.50	12.70		0.75	19.05		
03		1	29*	0.63	15.88		0.94	23.80		
		2	30*	0.63	15.88		0.94	23.80		
04		1	120	0.13	3.18		0.31	7.92		
		2	121	0.13	3.18		0.31	7.92		
05		1	122	0.25	6.35		0.44	11.10		
		2	123	0.25	6.35		0.44	11.10		
20		01	1	31	37/20		0.35	8.89	0.63	15.88
			2	32			0.35	8.89	0.63	15.88
	02	1	33	0.50		12.70	0.75	19.05		
		2	34	0.50		12.70	0.75	19.05		
	03	1	35*	0.63		15.88	0.94	23.80		
		2	36*	0.63		15.88	0.94	23.80		
	04	1	37*	0.88		22.23	1.25	31.75		
		2	38*	0.88		22.23	1.25	31.75		

Table Continued



Connector Group - J

Straight

TABLE - A										
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	CABLE RANGE					
SHELL SIZE	ENTRY SIZE	LENGTH	DASH NO		MIN		MAX			
					INCH	MM	INCH	MM		
20	05	1	124	37/20	0.25	6.35	0.44	11.10		
		2	125		0.25	6.35	0.44	11.10		
	06	1	140		0.63	15.88	0.90	22.96		
		2	141		0.63	15.88	0.90	22.96		
22	01	1	39	22	0.35	8.89	0.63	15.88		
		2	40		0.35	8.89	0.63	15.88		
	02	1	41		0.50	12.70	0.75	19.05		
		2	42		0.50	12.70	0.75	19.05		
	03	1	43		0.63	15.88	0.94	23.80		
		2	44		0.63	15.88	0.94	23.80		
	04	1	45*		0.88	22.23	1.25	31.75		
		2	46*		0.88	22.23	1.25	31.75		
	05	1	126		0.13	3.18	0.31	7.92		
		2	127		0.13	3.18	0.31	7.92		
	06	1	128		0.25	6.35	0.44	11.10		
		2	129		0.25	6.35	0.44	11.10		
	07	1	142		0.88	22.23	1.03	26.14		
		2	143		0.88	22.23	1.03	26.14		
	24	01	1		47	24	0.50	12.70	0.75	19.05
			2		48		0.50	12.70	0.75	19.05
02		1	49	0.63	15.88		0.81	20.62		
		2	50	0.63	15.88		0.81	20.62		
03		1	51	0.63	15.88		0.94	23.80		
		2	52	0.63	15.88		0.94	23.80		
04		1	53*	0.88	22.23		1.25	31.75		
		2	54*	0.88	22.23		1.25	31.75		
05		1	130	0.35	8.89		0.63	15.88		
		2	131	0.35	8.89		0.63	15.88		
06		1	144	0.88	22.23		1.14	29.06		
		2	145	0.88	22.23		1.14	29.06		
28	01	1	55	28	0.50	12.70	0.75	19.05		
		2	56		0.50	12.70	0.75	19.05		
	02	1	57		0.63	15.88	0.94	23.80		
		2	58		0.63	15.88	0.94	23.80		
	03	1	59		0.88	22.23	1.25	31.75		
		2	60		0.88	22.23	1.25	31.75		
	04	1	61		1.00	25.40	1.38	34.93		
		2	62		1.00	25.40	1.38	34.93		
32	01	1	63	32	0.63	15.88	0.94	23.80		
		2	64		0.63	15.88	0.94	23.80		
	02	1	65		0.88	22.23	12.50	317.50		
		2	66		0.88	22.23	1.25	31.75		
	03	1	67		1.00	25.40	1.38	34.93		
		2	68		1.00	25.40	1.38	34.93		
	04	1	69		1.25	31.75	1.63	41.28		
		2	70		1.25	31.75	1.63	41.28		
36	01	1	71	36	0.88	22.23	1.25	31.75		
		2	72		0.88	22.23	1.25	31.75		
	02	1	73		1.00	25.40	1.38	34.93		
		2	74		1.00	25.40	1.38	34.93		
	03	1	75		1.25	31.75	1.63	41.28		
		2	76		1.25	31.75	1.63	41.28		
	04	1	77*		1.44	36.50	1.88	47.63		
		2	78*		1.44	36.50	1.88	47.63		

Table Continued



Connector Group - J

Straight

TABLE - A								
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	CABLE RANGE			
SHELL SIZE	ENTRY SIZE	LENGTH	DASH NO		MIN		MAX	
					INCH	MM	INCH	MM
36	05	1	132	36	0.50	12.70	0.75	19.05
		2	133		0.50	12.70	0.75	19.05
	06	1	146		1.44	36.50	1.84	46.74
		2	147		1.44	36.50	1.84	46.74
	07	1	148		0.63	15.88	0.94	23.80
		2	149		0.63	15.88	0.94	23.80
40	01	1	79	40	0.88	22.23	1.25	31.75
		2	80		0.88	22.23	1.25	31.75
	02	1	81		1.00	25.40	1.38	34.93
		2	82		1.00	25.40	1.38	34.93
	03	1	83		1.25	31.75	1.63	41.28
		2	84		1.25	31.75	1.63	41.28
	04	1	85		1.44	36.50	1.88	47.63
		2	86		1.44	36.50	1.88	47.63
	05	1	134		0.50	12.70	0.75	19.05
		2	135		0.50	12.70	0.75	19.05
	06	1	156		0.63	15.88	0.94	23.80
		2	157		0.63	15.88	0.94	23.80
44	01	1	87	44	0.88	22.23	1.25	31.75
		2	88		0.88	22.23	1.25	31.75
	02	1	89		1.00	25.40	1.38	34.93
		2	90		1.00	25.40	1.38	34.93
	03	1	91		1.25	31.75	1.63	41.28
		2	92		1.25	31.75	1.63	41.28
	04	1	93		1.44	36.50	1.88	47.63
		2	94		1.44	36.50	1.88	47.63
	05	1	154		0.63	15.88	0.94	23.80
		2	155		0.63	15.88	0.94	23.80
48	01	1	95	48	0.88	22.23	1.25	31.75
		2	96		0.88	22.23	1.25	31.75
	02	1	97		1.00	25.40	1.38	34.93
		2	98		1.00	25.40	1.38	34.93
	03	1	99		1.25	31.75	1.63	41.28
		2	100		1.25	31.75	1.63	41.28
	04	1	101		1.44	36.50	1.88	47.63
		2	102		1.44	36.50	1.88	47.63

(*) ----- DENOTES STYLE 2

