	A	B	C	D	E	F	G	H	I	J	K	L
1												
2		**Feature**	**Method**	**Nominal**	**Plus**	**Minus**	**1**	**2**	**3**	**4**	**5**	**6**
3	**A**	FL	MicroVu	0.407	0.005	0.005	0.4054	0.4043	0.4077	0.4076	0.4087	0.4043
4	**B**	L1@0.381	Chatillon 10# force gage & test stand	1.670	0.300	0.300	1.535	**1.215**	1.715	1.725	1.820	**1.310**
5	**C**	L2@0.354	Chatillon 10# force gage & test stand	3.960	0.500	0.500	3.785	3.480	3.980	3.935	4.055	3.540
6												
7				**ULL**	= over high limit							
8				**OHL**	= under low limit							
9												
10												
11												
12												
13												

	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
1	↓Spring from Trigger Assembly Number↓														
2	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**
3	0.4046	0.4041	0.4062	0.4037	0.4084	0.4076	0.4069	0.4062	0.4118	0.4081	0.4045	0.4083	0.4033	0.4066	0.4084
4	**1.305**	1.375	1.550	**1.355**	1.790	1.715	1.720	1.965	1.850	1.805	1.675	1.925	1.570	1.815	1.880
5	**3.450**	3.640	4.150	3.530	4.040	4.070	4.105	4.245	4.080	4.070	3.975	4.180	3.850	4.060	4.140
6															
7															
8															
9															
10															
11	E:\Solidworks Files\														
12	XR100 SPL Trigger A														
13															

	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK
1				↓Spring Number↓						
2	**22**	**23**	**24**	**25**	**26**	**Avg**	**SD**	**Max**	**Min**	**Range**
3	0.4081	0.4073	0.4055	0.4078	0.4063	0.4066	0.0020	0.4118	0.4033	0.0085
4	1.815	1.450	1.800	1.795	1.820	1.665	0.213	1.965	1.215	0.750
5	4.030	4.365	4.120	4.025	4.115	3.962	0.245	4.365	3.450	0.915
6										
7										
8										
9										
10										
11										
12										
13										

Cell: B4
Comment: Jim Ronkainen:
L1 was measured at the old displacement (.381) rather than the new displacement listed on the drawing (.375). The force limits shown here are comparable to those shown on the drawing (i.e. yield same spring rate) but the limits on the drawing conform to SMI specifications (minimum of 15% deflection for load measurement).

Cell: D4
Comment: Jim Ronkainen:
The values shown here for L1 vary from what is shown on the drawing due to a difference in the amount of spring compression (drawing has greater compression hence higher loads). The values shown here were the actual measurements and are proportional to the values shown on the drawing.

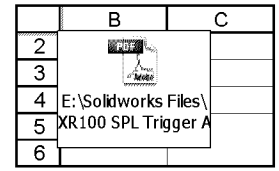
Cell: H4
Comment: Jim Ronkainen:
Even though this spring had the lowest load @L1, the trigger pull for the trigger assembly was easily in spec and the maximum trigger pull force was 5.987 lbs. Use spring as-is.

Cell: L4
Comment: Jim Ronkainen:
Spring just below lower limit. Use springs as-is and note any unusual behavior.

Cell: M4
Comment: Jim Ronkainen:
Spring just below lower limit. Use springs as-is and note any unusual behavior.

Cell: P4
Comment: Jim Ronkainen:
Spring just below lower limit. Use springs as-is and note any unusual behavior.

Cell: M5
Comment: Jim Ronkainen:
Spring just below lower limit. Use springs as-is and note any unusual behavior.


B
C
2
3
4
5
6
E:\Solidworks Files\
XR100 SPL Trigger A