

REQUEST FOR MEASUREMENT ASSISTANCE

REQUESTED BY <i>Ed Vetter / Scott Franz</i>	DATE <i>3-1-83</i>	MODEL <i>7 Lwt.</i>	PART DESCRIPTION <i>Latch Spring</i>
PART NO.	OPER.	OPERATION DESCRIPTION	CERT. / SIGN.

REMARKS REQUESTED

Measure .4705/.5075 Dim. after Assembly From Different Assembler's

MEASURED BY <i>E.L. Barnes</i>	DATE <i>3-2-83</i>	SAMPLE SIZE
-----------------------------------	-----------------------	-------------

REMARKS

MEASURED DIMENSIONS

DESC. OF CHARACTERISTIC				DESC. OF CHARACTERISTIC				DESC. OF CHARACTERISTIC				DESC. OF CHARACTERISTIC			
<i>Assem. - 83</i>				<i>Assem. - 93</i>				<i>Assem. - 91</i>				<i>Assem. 30</i>			
<i>N=17</i>				<i>N=6</i>				<i>N=3</i>				<i>N=3</i>			
<i>$\bar{x} = .5053$</i>				<i>$\bar{x} = .5052$</i>				<i>$\bar{x} = .499$</i>				<i>$\bar{x} = .4997$</i>			
<i>$\sigma = .0072$</i>				<i>$\sigma = .0065$</i>				<i>$\sigma = .0084$</i>				<i>$\sigma = .0066$</i>			
MODEL	ENG. DIM.	MODEL	ENG. DIM.	MODEL	ENG. DIM.	MODEL	ENG. DIM.	MODEL	ENG. DIM.	MODEL	ENG. DIM.	MODEL	ENG. DIM.	MODEL	ENG. DIM.
	<i>.4705</i>		<i>.5075</i>		<i>.4705</i>		<i>.5075</i>		<i>.4705</i>		<i>.5075</i>		<i>.4705</i>		<i>.5075</i>
1	QIN.	2	QIN.	3	QIN.	4	QIN.	5	QIN.	6	QIN.	7	QIN.	8	QIN.
1	<i>.5017</i>	16	<i>.5126</i> X	1	<i>.5025</i>			1	<i>.4965</i>			1	<i>.4963</i>	1	<i>.503</i>
2	<i>.5097</i> X	17	<i>.506</i>	2	<i>.500</i>			2	<i>.5093</i> X			2	<i>.4938</i>		
3	<i>.4945</i>			3	<i>.5725</i> X			3	<i>.492</i>			3	<i>.5062</i>		
4	<i>.515</i>			4	<i>.4998</i>										
5	<i>.5014</i>			5	<i>.5024</i>										
6	<i>.4958</i>			6	<i>.5144</i> X										
7	<i>.5014</i>														
8	<i>.5096</i> X														
9	<i>.5157</i> X														
10	<i>.5033</i>														
11	<i>.5052</i>														
12	<i>.5017</i>														
13	<i>.4967</i>														
14	<i>.5032</i>														
15	<i>.519</i> X														

NOTE: X INDICATES OUT OF TOLERANCE