

**Table1**  
*Deviation of Central Length from nominal*

<i>L /mm</i>	<b>MSA-NMS</b>		<b>BEV</b>		<i>E<sub>n</sub>(BEV, MSA)</i>
	<i>b(e<sub>c</sub>) /μm</i>	<i>u(e<sub>c</sub>) /μm</i>	<i>b(e<sub>c</sub>) /μm</i>	<i>u(e<sub>c</sub>) /μm</i>	
0.5	-0.046	0.030	+0.010	0.020	+0.8
3	-0.013	0.030	+0.030	0.020	+0.6
5	+0.036	0.030	+0.060	0.021	+0.3
10	+0.028	0.030	+0.060	0.022	+0.4
20	-0.085	0.030	-0.090	0.024	-0.1
41.3	+0.543	0.035	+0.570	0.028	+0.3
50	-0.356	0.036	-0.330	0.030	-0.2
80	-0.483	0.040	-0.500	0.036	-0.2
100	-0.087	0.045	-0.110	0.040	+0.3

**Table2**  
*Variation in Length*

<i>L /mm</i>	<b>MSA-NMS</b>		<b>BEV</b>		<i>E<sub>n</sub>(BEV, MSA)</i>
	<i>b(v) /μm</i>	<i>u(v) /μm</i>	<i>b(v) /μm</i>	<i>u(v) /μm</i>	
0.5	0.090	0.030	0.04	0.05	-0.7
3	0.020	0.030	0.02	0.05	+0.0
5	0.035	0.030	0.04	0.05	+0.1
10	0.041	0.030	0.06	0.05	+0.3
20	0.029	0.030	0.04	0.05	+0.2
41.3	0.065	0.030	0.09	0.05	+0.0
50	0.059	0.030	0.06	0.05	-0.3
80	0.074	0.030	0.05	0.05	-0.4
100	0.058	0.030	0.03	0.05	+0.3