

<b>DOCUMENT No:</b> DG-004	<b>TITLE:</b> Dimensioning and Tolerancing Guidelines for Spiders	<b>PAGE:</b> 1 of 1
<b>APPLICATION:</b>	<b>REVISION:</b> 2/2/04	<b>DATE:</b> 2/2/04

Note: All tolerance units are millimeters (mm) unless otherwise stated.

<b>Feature</b>	<b>Special Characteristics</b>	<b>Tolerance</b>
Land O.D. Size	S	± 0.25 or ± 0.3% of the nominal, whichever is greater
Land O.D. Position	S	Ø 0.25 ○
Cup O.D.		± 0.5 or ± 0.7% of the nominal, whichever is greater
Land I.D. Size	S	± 0.25 or ± 0.3% of the nominal, whichever is greater
Land I.D. Position	S	Ø 0.5
Neck I.D.	C	± 0.08 or ± 0.3% of the nominal, whichever is greater
Overall Height	S	± 0.13
Shoulder Height	S	± 0.3
Mounting Height	S	± 0.13
Mounting Depth	S	± 0.13
Neck Height	S	± 0.13
Neck Depth	S	± 0.25
Corrugation Height	C	± 0.25
Corrugation Radius	S	± 0.05
Material Thickness	S	± 0.05
Deflection	C	± 10% of the nominal
Measurement Clamp I.D.		± 0.13
Land Flatness	S	3 U
Mass	S	± 10% of the nominal

### Revision History

<b>Rev Level</b>	<b>Description of Change</b>	<b>Prepared/ Changed By/ Date</b>	<b>Approved By/ Date</b>
DRAFT	Create document	Brian Sterling 7/21/03	--
2/2/04	Release document	Brian Sterling 7/21/03	ALMA Committee 1/7/04