

DOCUMENT NO: MG-004	TITLE: Measurement Guidelines for Spiders	PAGE: 1 of 1
APPLICATION:	REVISION: DRAFT	DATE: 1/6/08

Feature	Measurement Method	Measurement Device (Reference)
Land O.D. Size		Steel Rule or Scale
Land O.D. Position		
Cup O.D.		Dial or Digital Caliper
Land I.D. Size		Dial or Digital Caliper
Land I.D. Position		
Neck I.D.	TM-406	Tapered Gauge Dial or Digital Caliper
Overall Height		Height Gauge
Shoulder Height		Dial or Digital Caliper
Mounting Height		
Mounting Depth		
Neck Height		Height Gauge
Neck Depth		Height Gauge
Corrugation Height		Optical Comparator
Corrugation Radius		Optical Comparator
Material Thickness	ASTM D1777	
Deflection	TM-438	Mass(es) or Electronic Force Gauge Micrometer or Stepper Motor System Mounting Apparatus/Fixture Matched Clamp Rings Center Plug/Cap Detector or Data Acquisition Computer
Measurement Clamp I.D.		
Land Flatness		
Mass		

Revision History

Rev Level	Description of Change	Prepared/ Changed By/ Date	Approved By/ Date
DRAFT	Create document	Brian Sterling 6/26/03	ALMA Committee 1/7/04
DRAFT	Change "WI" to "TM", add/revise Measurement Methods and Devices	Brian Sterling 1/6/08	ALMA Committee 1/6/08