



# ZERO SPINDLE OD INSPECTION

**ZERO SPINDLE COMPONENTS TO CHECK PARTS HELD ON OUTSIDE DIAMETERS OR MALE THREADS**

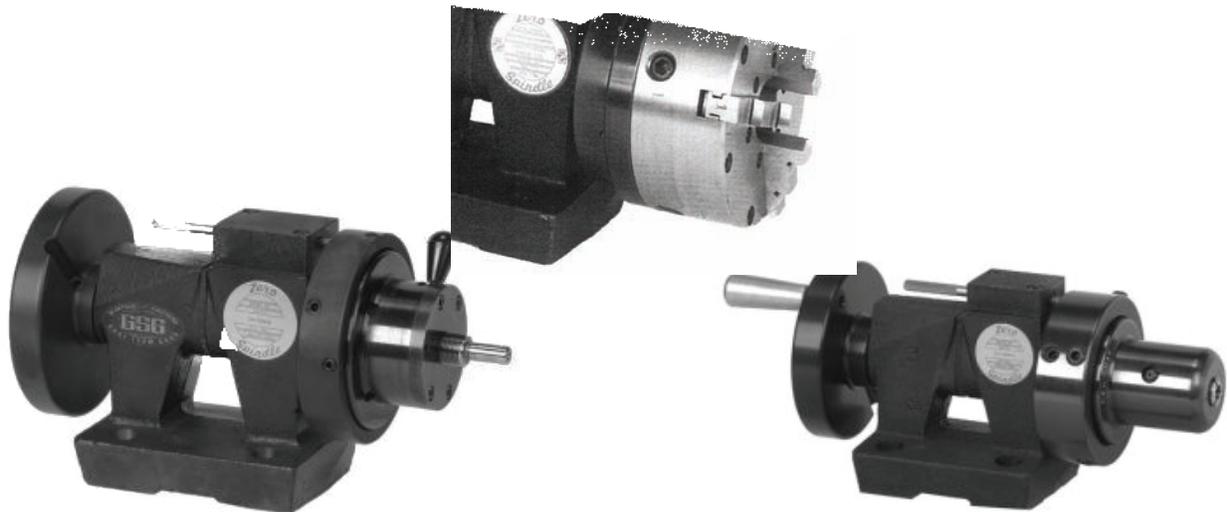
ZERO SPINDLES:	ODC COLLET CHUCK	CHUCKS	COLLET CHUCKS	OFF-LEAD THREAD ARBOR
<ul style="list-style-type: none"> <li>* AD-012 "M" = 2.187"</li> <li>* AD-013 "M" = 2.937"</li> <li>* AD-014 "M" = 3.675"</li> <li>* AD-015 "M" = 5.250"</li> <li>* WITH CENTRALIZING COLLAR</li> <li>* WITH SPINDLE LOCK</li> <li>* SPINDLE CAN BE MOTORIZED</li> </ul>	<ul style="list-style-type: none"> <li>* WIDE GRIP LENGTH</li> <li>* INTERCHANGEABLE COLLETS</li> <li>* PART STOPS AVAILABLE</li> </ul>	<ul style="list-style-type: none"> <li>* 3 JAW CHUCKS STANDARD</li> <li>* 4 JAW CHUCKS FOR THIN PARTS</li> <li>* 3.5" TO 8.0" SCROLL CHUCK</li> <li>* INTERNAL / EXTERNAL JAWS</li> <li>* FULL CIRCLE WELDED JAWS</li> </ul>	<ul style="list-style-type: none"> <li>* PRECISION 5C</li> <li>* PRECISION 1C</li> <li>* PART STOPS</li> </ul>	<ul style="list-style-type: none"> <li>* MALE THREADS</li> <li>* METRIC AND INCH</li> </ul>

OUTSIDE DIAMETERS EFFECTED	.50 TO 5.0 INCHES	.125 TO 10.0 INCHES	.016 TO 1.062 INCHES	.250 TO 6.0" THREADS
MAX PART TOLERANCE	NONE	NONE	REF. COLLET SPECS	PER THREAD SPECS
ACCURACY	.0003" TIR	.0001" TIR	.0001" TIR	.0001" TIR
METHOD OF ACTUATION	ROTATE NUT TO SECURE	CHUCK KEY	DRAW BAR	HANDLE & DRAW BAR

**ALL GAGING SYSTEMS CAN ACCOMMODATE:**

- \* A SERIES OF POT CHUCKS FOR DIFFERENT PARTS USING ONE SPINDLE
- \* ADDITION OF A THREAD CHECKING ATTACHMENT
- \* SPECIFIC PART STOPS
- \* ETCHED INDEX DIALS
- \* ZERO SPINDLE CAN BE VERTICAL MOUNTED TO EASE PART LOADING
- \* ADDITIONAL COMPONENTS AVAILABLE: MAGNETIC, AIR CHUCKS, ETC..

DRAWN dgy/ymkt	5/2/2005	GLASTONBURY SOUTHERN GAGE 800-251-4243 GSGage.com
DESIGNED		TITLE
CHK		
PHG		ZERO SPINDLE O.D. COMPONENTS
APPROVED		
		REV
		C
		S-26-2005 DDG
		SHEET 1 OF 1



The GSG Zero spindle offers various methods of holding a part on the outside feature during rotation. The charts show the 4 major methods: Collet, 3-4 Jaw Chuck, and external off Lead Lock. These methods can be combined with various measurement methods and provide the user with a robust and repeatable way of inspecting ovality, run-out, diameter and true position of round parts.