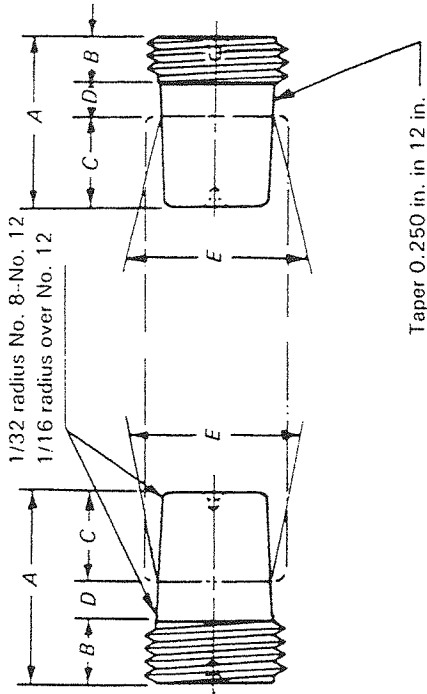


Osborn Products Inc.

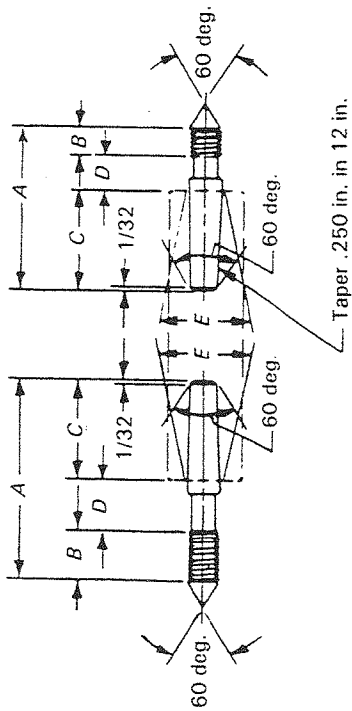
Rotary Thread Inspection Tool  
Technical Information  
Taperlock Thread Gages

Taper Lock Size	Thread Sizes	Decimal Range	Standard Maximum Depth
#0	#8 Thru #12	.150" Thru .230" 3.81mm Thru 5.84mm	.531" 13.48mm
#1	¼" Thru 5/16"	.230" Thru .365" 5.84mm Thru 9.27mm	.562" 14.27mm
#2	3/8" Thru ½"	.365" Thru .510" 9.27mm Thru 14.47mm	.625" 15.87mm
#3	9/16" Thru ¾"	.510" Thru .825" 14.47mm thru 19.05mm	.750" 20.95mm

This document provides taperlock sizes AGD-American Gage Design Taperlock thread plug gages that are compatible with the Rotary Thread Inspection Gage. The document also specifies the standard maximum depth limits for the gages. Table 22 of the ANSI/ASME B47.1-1998 is also attached to this document to show thread plug gaging member blank standards.



No. 8 to 1-1/2 in., Inclusive



No. 0 to No. 6, Inclusive

TABLE 22 FINE-PITCH INSTRUMENT THREAD PLUG GAGING MEMBERS, TAPER LOCK DESIGN -- RANGE NO. 0 TO 1 1/2 IN., INCLUSIVE

Handle Size No.	Thread Plug Diameters			General Dimensions														
	Nominal Range, No. or In., Inclusive	Decimal Range		TPI Finer Than	GO						NOT GO							
		To	Above		To and Including	A	B	C	D	E	Min.	Max.	A	B	C	D	E	Min.
000	No. 0	No. 3	0.059	0.105	80	7/8	3/16	1/2	3/16	13/16	1/8	1/2	3/16	13/16	0.125	0.126	0.125	0.126
00	No. 4	No. 6	.105	.150	60	3/32	7/32	9/16	3/16	29/32	5/32	9/16	3/16	29/32	.155	.156	.155	.156
0	No. 8	No. 12	.150	.230	48	15/32	9/32	5/8	1/4	13/32	7/32	5/8	1/4	13/32	.180	.181	.180	.181
1	1/4	5/16	.230	.365	40	15/16	5/16	3/4	1/4	1 1/4	1/4	3/4	1/4	1 1/4	.239	.240	.239	.240
2	3/8	1/2	.365	.510	36	1 3/8	3/8	3/4	1/4	1 5/16	5/16	3/4	1/4	1 5/16	.309	.310	.309	.310
3	9/16	3/4	.510	.825	32	1 1/2	1/2	3/4	1/4	1 3/8	3/8	7/8	1/4	1 3/8	.408	.410	.408	.410
4	7/8	1 1/8	.825	1.135	28	1 13/16	5/8	7/8	5/16	1 5/8	7/16	1	5/16	1 5/8	.608	.610	.608	.610
5	1 1/4	1 1/2	1.135	1.510	28	2 1/8	3/4	1	3/8	1 7/8	1/2	1	3/8	1 7/8	.808	.810	.808	.810

GENERAL NOTE: All dimensions are in inches.