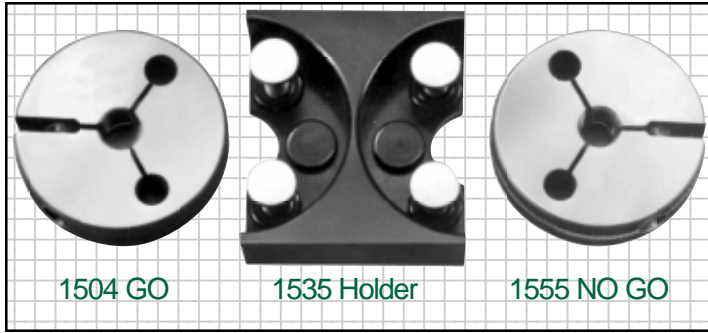




Machine Screw and Fractional Sizes

Thread Ring Gages



Greenfield thread ring gages are made of selected graphite steels, ground and accurately lapped and meticulously inspected in every thread element. They are then set with Greenfield's first quality Thread Setting Plug gages.

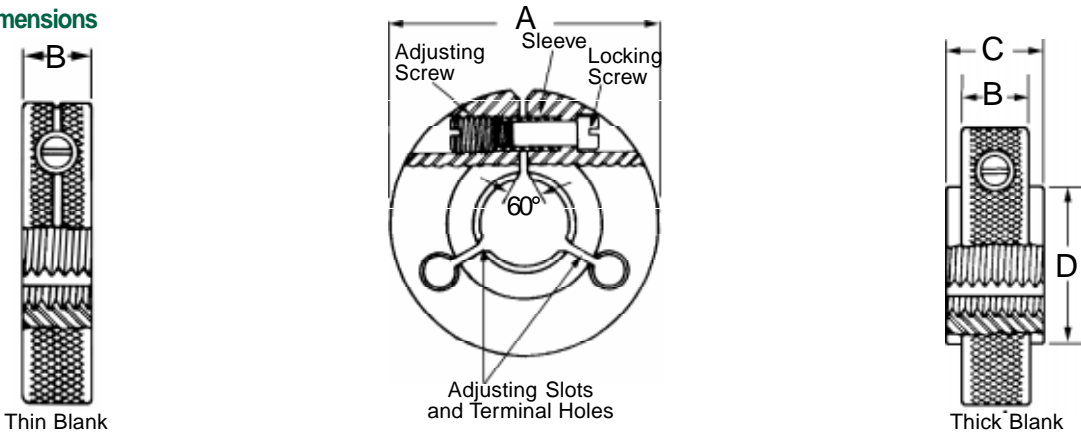
NO GO ring gages are distinguished by the groove around the rim.

Setting plug gages should be ordered at the same time as ring gages so they can be mated before shipping.

The pitch diameter of adjustable thread ring gages cannot be

taken as a direct measurement. The functional pitch diameter is transferred by the setting of the ring gage to the applicable truncated setting plug. The ring gage setting is unique to the particular setting plug and cannot be expected to be duplicated on any other setting plug without readjustment. The functional pitch diameter of two given setting plugs both known to be within the Class W tolerance specifications could vary by more than 0.0003" from each other. Also, the relative "feel" of the inspector setting the gage plays a major role in the evaluation of this attribute.*

General Dimensions



Nominal Size		Holder and Ring Blank No.	All Blanks	Thin Blanks			Thick Blanks GO UNC Only		
Inch	mm		A Outside Diameter	B Thickness	Depth Counterbore	Length Thread	B Thickness Flange	C Thickness Hub	D Diameter Hub
0, 1, 2	1.6, 2	1	1	1/4	5/64	3/32	-	-	-
3, 4, 5, 6	2.5, 3, 3.5	1	1	1/4	3/64	5/32	-	-	-
8, 10, 12	4, 5	1	1	1/4	1/32	3/16	-	-	-
1/4, 5/16	6, 8	2	1 3/8	11/32	-	-	-	-	-
3/8, 7/16, 1/2	10, 12	3	1 3/4	7/16	-	-	-	-	-
9/16, 5/8, 3/4	14, 16, 20	4	2 3/16	9/16	-	-	9/16	3/4	1 1/16
7/8, 1, 1 1/8	24	5	2 5/8	11/16	-	-	11/16	15/16	1 1/2
1 1/4, 1 3/8, 1 1/2	-	6	3 1/4	3/4	-	-	3/4	1 1/8	1 7/8

For EDP Nos. and prices see next page

1535 Thread Ring Gage Holder (optional)



Number	Size Range		EDP No.	Price
	Inch	Metric		
1	0-12MS	1.6 - 5mm	701022	14.00
2	1/4-5/16	6 - 8mm	701023	16.00
3	3/8-1/2	10 - 12mm	701024	18.00
4	9/16-3/4	14 - 20mm	701025	22.00
5	7/8-1.1/8	24 mm	701026	28.00
6	1.1/4-1.1/2	-	701027	34.00

*Taken from information printed by American Measuring Tool Manufacturers Association – 1989

When ordering, please use EDP numbers.



Machine Screw and Fractional Sizes

Thread Ring Gages

Nominal Size	1504 Go Ring Gage				1555 NO GO Ring Gage				1524 GO - NO GO without holder			
	Class 2A		Class 3A / Basic		Class 2A		Class 3A		Class 2A		Class 3A	
	EDP No.	Price	EDP No.	Price	EDP No.	Price	EDP No.	Price	EDP No.	Price	EDP No.	Price
0 80 UNF	240100	104.00	250100	104.00	260100	104.00	270100	104.00	240126	208.00	250127	208.00
1 64 UNC	240200	103.00	250200	103.00	260200	103.00	270200	103.00	240226	206.00	250227	206.00
72 UNF	240300	103.00	250300	103.00	260300	103.00	270300	103.00	240326	206.00	250327	206.00
2 56 UNC	240400	90.00	250400	90.00	260400	90.00	270400	90.00	240426	180.00	250427	180.00
64 UNF	240500	90.00	250500	90.00	260500	90.00	270500	90.00	240526	180.00	250527	180.00
3 48 UNC	240600	90.00	250600	90.00	260600	90.00	270600	90.00	240626	180.00	250627	180.00
56 UNF	240700	90.00	250700	90.00	260700	90.00	270700	90.00	240726	180.00	250727	180.00
4 40 UNC	240900	82.00	250900	82.00	260900	82.00	270900	82.00	240926	164.00	250927	164.00
48 UNF	241000	82.00	251000	82.00	261000	82.00	271000	82.00	241026	164.00	251027	164.00
5 40 UNC	241100	77.00	251100	77.00	261100	77.00	271100	77.00	241126	154.00	251127	154.00
44 UNF	241200	77.00	251200	77.00	261200	77.00	271200	77.00	241226	154.00	251227	154.00
6 32 UNC	241300	77.00	251300	77.00	261300	77.00	271300	77.00	241326	154.00	251327	154.00
40 UNF	241400	77.00	251400	77.00	261400	77.00	271400	77.00	241426	154.00	251427	154.00
8 32 UNC	241500	74.00	251500	74.00	261500	74.00	271500	74.00	241526	148.00	251527	148.00
36 UNF	241600	74.00	251600	74.00	261600	74.00	271600	74.00	241626	148.00	251627	148.00
10 24 UNC	241700	74.00	251700	74.00	261700	74.00	271700	74.00	241726	148.00	251727	148.00
32 UNF	241800	74.00	251800	74.00	261800	74.00	271800	74.00	241826	148.00	251827	148.00
12 24 UNC	241900	74.00	251900	74.00	261900	74.00	271900	74.00	241926	148.00	251927	148.00
28 UNF	242000	74.00	252000	74.00	262000	74.00	272000	74.00	242026	148.00	252027	148.00
1/4 20 UNC	242200	70.00	252200	70.00	262200	70.00	272200	70.00	242226	140.00	252227	140.00
28 UNF	242300	70.00	252300	70.00	262300	70.00	272300	70.00	242326	140.00	252327	140.00
32 UNEF	242400	103.00	252400	103.00	262400	103.00	272400	103.00	242426	206.00	252427	206.00
5/16 18 UNC	242500	70.00	252500	70.00	262500	70.00	272500	70.00	242526	140.00	252527	140.00
24 UNF	242600	70.00	252600	70.00	262600	70.00	272600	70.00	242626	140.00	252627	140.00
32 UNEF	242700	103.00	252700	103.00	262700	103.00	272700	103.00	242726	206.00	252727	206.00
3/8 16 UNC	242800	77.00	252800	77.00	262800	77.00	272800	77.00	242826	154.00	252827	154.00
24 UNF	242900	77.00	252900	77.00	262900	77.00	272900	77.00	242926	154.00	252927	154.00
32 UNEF	243000	107.00	253000	107.00	263000	107.00	273000	107.00	243026	214.00	253027	214.00
7/16 14 UNC	243100	77.00	253100	77.00	263100	77.00	273100	77.00	243126	154.00	253127	154.00
20 UNF	243200	77.00	253200	77.00	263200	77.00	273200	77.00	243226	154.00	253227	154.00
28 UNEF	243300	107.00	253300	107.00	263300	107.00	273300	107.00	243326	214.00	253327	214.00
1/2 13 UNC	243400	81.00	253400	81.00	263400	81.00	273400	81.00	243426	162.00	253427	162.00
20 UNF	243500	81.00	253500	81.00	263500	81.00	273500	81.00	243526	162.00	253527	162.00
28 UNEF	243600	108.00	253600	108.00	263600	108.00	273600	108.00	243626	216.00	253627	216.00
9/16 12 UNC	243700	91.00	253700	91.00	263700	91.00	273700	91.00	243726	182.00	253727	182.00
18 UNF	243800	91.00	253800	91.00	263800	91.00	273800	91.00	243826	182.00	253827	182.00
24 UNEF	243900	114.00	253900	114.00	263900	114.00	273900	114.00	243926	228.00	253927	228.00
5/8 11 UNC	244000	91.00	254000	91.00	264000	91.00	274000	91.00	244026	182.00	254027	182.00
18 UNF	244100	91.00	254100	91.00	264100	91.00	274100	91.00	244126	182.00	254127	182.00
24 UNEF	244200	118.00	254200	118.00	264200	118.00	274200	118.00	244226	236.00	254227	236.00
3/4 10 UNC	244400	122.00	254400	122.00	264400	122.00	274400	122.00	244426	244.00	254427	244.00
16 UNF	244500	122.00	254500	122.00	264500	122.00	274500	122.00	244526	244.00	254527	244.00
20 UNEF	244600	143.00	254600	143.00	264600	143.00	274600	143.00	244626	286.00	254627	286.00
7/8 9 UNC	244800	143.00	254800	143.00	264800	143.00	274800	143.00	244826	286.00	254827	286.00
14 UNF	244900	143.00	254900	143.00	264900	143.00	274900	143.00	244926	286.00	254927	286.00
20 UNEF	245000	151.00	255000	151.00	265000	151.00	275000	151.00	245026	302.00	255027	302.00
1 8 UNC	245200	161.00	255200	161.00	265200	161.00	275200	161.00	245226	322.00	255227	322.00
12 UNF	245300	161.00	255300	161.00	265300	161.00	275300	161.00	245326	322.00	255327	322.00
14 UNS	245400	161.00	255400	161.00	265400	161.00	275400	161.00	245426	322.00	255427	322.00
20 UNEF	245500	180.00	255500	180.00	265500	180.00	275500	180.00	245526	360.00	255527	360.00
1-1/8 7 UNC	245700	183.00	255700	183.00	265700	183.00	275700	183.00	245726	366.00	255727	366.00
12 UNF	245800	183.00	255800	183.00	265800	183.00	275800	183.00	245826	366.00	255827	366.00
1-1/4 7 UNC	246100	205.00	256100	205.00	266100	205.00	276100	205.00	246126	410.00	256127	410.00
12 UNF	246200	205.00	256200	205.00	266200	205.00	276200	205.00	246226	410.00	256227	410.00
1-3/8 6 UNC	246500	217.00	256500	217.00	266500	217.00	276500	217.00	246526	434.00	256527	434.00
12 UNF	246600	217.00	256600	217.00	266600	217.00	276600	217.00	246626	434.00	256627	434.00
1-1/2 6 UNC	246900	242.00	256900	242.00	266900	242.00	276900	242.00	246926	484.00	256927	484.00
12 UNF	247000	242.00	257000	242.00	267000	242.00	277000	242.00	247026	484.00	257027	484.00