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Tools WILSON Gages
 FOR ACCURATE UNIFORM HANDLOADS

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**-INSTRUCTIONS FOR USING THE WILSON CARTRIDGE CASE TRIMMER-
 with Micrometer Adjustment**

**To save room, trimmers are boxed with the cutter and bearing assembly reversed.
 To place in operating position, loosen the cutter bearing screw under the base
 and turn cutter and bearing together 180 degrees. Tighten screw securely.**

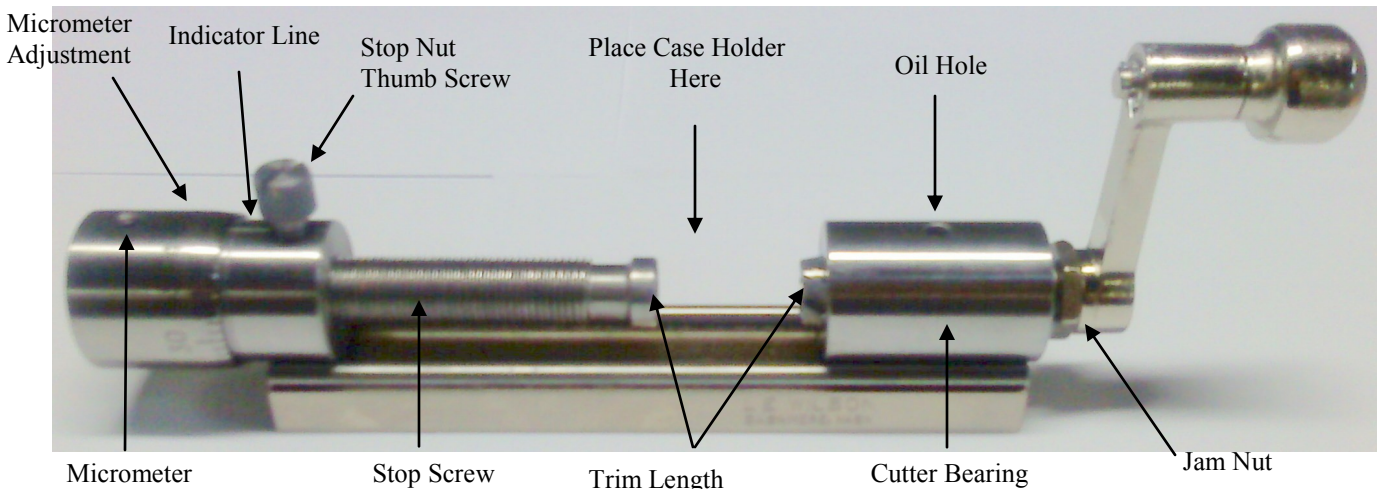
The trimmer is best held in a vise, or Sinclair mount, which will hold it in proper position and high enough from bench for handle clearance. Cardboard or blotting paper will protect trimmer base from vise jaws. In setting the trimmer for correct case length the WILSON Cartridge Case Gage is recommended in those calibers for which it is furnished. The case trimmer should be adjusted to produce a case length, which will register flush with the lower step of this gage. In all other calibers adjust the trimmer according to the TABLE OF CARTRIDGE CASE LENGTHS furnished on the back page. With a little practice you will develop considerable speed in putting cases through the trimmer. In our use of the tool the operations are done as follows.

FIRST TIME SET UP PROCEDURE FOR TRIMMING RIFLE CALIBERS WITH TAPER

- 1) Loosen thumb screw on stop nut to allow the stop screw to move freely.
- 2) Drop case in case holder and tap head end on hardwood block or cork board.
 NOTE: Case holders have a groove turned near head to indicate at a glance which end is the head end.
- 3) Using the Micrometer adjustment, back out the stop screw enough to allow case to sit between cutter and stop.
- 4) Push cutter flush with cutter bearing. Jam nut should be touching cutter bearing.
- 5) Screw in stop screw until your case mouth is just touching the cutter. Now tighten the thumb screw.
- 6) Next, use a 3/32 Hex Key (Included) to loosen the set on the Micrometer adjustment. With the thumb screw tight, spin the Micrometer towards the stop nut (Set screw should not move during this procedure). Spin it until only two indicator lines are visible and Micrometer is set to zero. Using the 3/32 Hex tighten the set back down.
- 7) Hold firmly in trimmer with case head against stop screw and twirl cutter until it stops cutting. Or use optional Shark Fin Holder available through Sinclair International.
- 8) Remove case by tapping mouth on same block.
- 9) Measure case length with case gage or calipers.
- 10) Make adjustments by loosening thumb screw and turning the Micrometer adjustment. Each dash represents .001 of an inch.
 Clockwise = Shorter Cases
 Counter Clockwise = Longer Cases

All trimmers are now made with a rake-tooth cutter. This cutter has the advantage over a straight-tooth cutter of cutting faster and with less pressure required and will be found superior for all purposes within reason. The cutter has been designed expressly for the job it has to do, which is to face off amounts from zero to about 1/32". If desired to face off larger amounts, as in cutting '06 brass back to 8mm length, it may be necessary to adjust the stop screw so that the material will be removed in more than one operation. By doing the job in steps the cutter is allowed to contact the stop often enough to steady the cut and prevent "grabbing".

Our hardened steel burring tool is a recommended accessory for this trimmer. It is used by hand to chamfer the inside of the case mouth and to remove the sharp edge outside of the case mouth after trimming. One burring tool serves for all calibers from .22 to .45 inclusive.* The last burring operation done on one case should be the first done on the next. In this way you reverse ends with the burring tool just once for each case. The new standard burring tool serves for all calibers from .17 to .45.



LIMITED WARRANTY

All L.E. Wilson products are warranted against defective workmanship or materials under normal use for one year from the date of purchase. "Normal use" means as described in accompanying instructions. "Date of purchase" is for the first user of the product. The warranty applies only to the first user and does not cover consequential or incidental damages. If the user believes he has a defective tool he is asked to contact L.E. Wilson, Inc. P.O. Box 324 Cashmere, WA 98815 / 509-782-1328 describing the problem. The tool or part will be repaired or replaced at our option with no expense to the user except for correspondence costs. The part or tool must be accompanied by proof of purchase that shows source, date of purchase, and cost. All states have implied warranties created by law that apply to all consumers and most products so the above limitations and exclusions may not apply to you.

Cartridge Case Lengths

17 Remington	1.796
17 Ack Hornet	1.403
17 Mach IV	1.400
17 Rem Fireball	1.420
20 TNT	1.700
20/22 Vartarg	1.400
20/22 Vartarg Turbo	1.600
204 Ruger	1.850
218 Bee	1.345
219 Donaldson	1.750
219 Zipper	1.938
22 BR Rem	1.520
Std Lovell	1.625
2-R Lovell	1.630
22 Savage	2.050
22 Hornet	1.403
17/20/22 PPC	1.510
22 Rem Jet	1.288
220 Swift	2.205
220 Arrow	2.205
220 Rocket	2.205
221 Rem Fireball	1.400
222 Rem Mag	1.850
222 Remington	1.700
22-250	1.912
22-250 Ackley	1.912
223 Remington	1.760
224 Wby Mag	1.925
225 Win	1.930
240 Wby Mag	2.500
243 Win	2.045
243 Ackley Imp.	2.045
243 Rockchucker	2.218
6mm - 243 Rem	2.233
25-20	1.330
25-35	2.043
25 Remington	2.050
250 Savage	1.912
25-06	2.494
256 Win Mag	1.281
256 Newton	2.440
257 Roberts	2.233
257 Wby Mag	2.550
260 Remington	2.035
264 Win Mag	2.500
270 Win	2.540
270 Wby Mag	2.550
270 WSM	2.100
280 Remington	2.540
284 Win	2.170

300 Savage	1.871
30 Newton	2.520
30 Remington	2.050
30 M-1 Carbine	1.290
300 WSM	2.100
300 RSAUM	2.015
300 Ultra	2.850
300,243,223 WSSM	1.680
300 H&H	2.850
300 Win Mag	2.620
300 Wby Mag	2.825
30-06	2.494
303 British	2.222
303 Savage	2.015
30-30	2.039
30-338	2.500
30-40	2.314
308 Win	2.015
308 Norma Mag	2.559
32 Remington	2.050
32 Win Special	2.040
32-20	1.315
32-40	2.130
33 Win	2.105
338 Lapua	2.724
338 Win Mag	2.500
340 Wby Mag	2.825
348 Win	2.255
35 Win	2.415
35 Remington	1.920
35 Whelen	2.494
350 Rem Mag	2.170
358 Win	2.015
358 Norma Mag	2.520
375 H&H Mag	2.850
375 Wby Mag	2.860
378 Wby Mag	2.913
38-40	1.305
38-55	2.129
44-40	1.305
444 Marlin	2.225
45-70	2.105
458 Win Mag	2.500
460 Wby Mag	2.913
50 BMG	3.915

6mm International	1.912
6mm Vartarg Turbo	1.600
6mm BR Rem Long	1.560
22/6mm/30 BR Rem Short	1.520
6mm Dasher	1.555
6mm PPC	1.515
6mm Rem	2.233
6mm XC	1.901
6x47	1.850
6x47 Lapua	1.855
6.5x47 Lapua	1.855
6.5 Grendel	1.520
6.5 Mannlicher	2.112
6.5x55 Norma	2.165
6.5 Rem Mag	2.170
6.5 Creedmoor	1.920
6.8 SPC	1.685
7mm - 08	2.035
7mm BR Rem	1.520
7mm Exp Rem 280 Rem	2.540
7mm Mauser	2.235
7mm TCU	1.750
7mm Rem Mag	2.500
7mm Wby Mag	2.550
7mm STW	2.850
7mm WSM	2.100
7mm IHMSA	1.861
7mm-08	2.035
7x61 S&H	2.402
7.62 x 39	1.528
7.62 Russian	2.114
7.65 Belgian Mauser	2.105
8mm Mauser 8x57	2.240
8mm Rem Mag	2.850

357 Mag	1.290
357 Sig	0.865
38 Special	1.155
38 Super Auto	0.900
41 Mag	1.290
44 Mag	1.285
44 Special	1.160
44 Russian	0.970
45 Auto	0.898
45 Colt	1.285

**Please note these are maximum lengths. Cases should be trimmed back when they reach or exceed these dimensions. We would suggest that your case trimmer be adjusted to produce a case length .010 under maximum. The lengths are over-all, including the rim, where the case has a rim.