

Penn HT-100 Drag Washer Dimensions

By ALANTANI « on: December 07, 2008, 08:42:08 AM »

Here is a list of the 25 smaller drag HT-100 drag washers that Penn makes. The washers are listed by part #, followed by price as listed in pennparts.com as of this date (12/11/08), followed by the inner diameter in millimeters, the outer diameter in millimeters and the thickness in millimeters. What follows after that is a listing of the common reels that use this drag washer.

For the engineers in the group, my methodology is as follows. I bought an "el cheapo" 0-6" (150mm) "performance tool" digital caliper (stock #w80153) from my local auto parts store for \$20. I have a Plano storage box filled with 26 different Penn HT-100 drag washers, purchased from pennparts.com. I reached into the box and grabbed one washer at random. I did a single measurement for the inner diameter, if round, or a minimum and a maximum, if the inside hole was hexagonal in shape. I did a single measurement of the outer diameter, not including the "keys", if the drag washer was keyed. "Keyed" washers are so noted. I also did a single measurement of the thickness. The actual mm's displayed on the digital screen was listed, although the results should be considered accurate only to the "tenth" of a millimeter, not the "hundredth."

Penn Part # (price) / id x od x thickness in millimeters / reel

#6-25 (\$6.25) / hex 22.88 min, 26.07 max x 54.13 x 1.22 / 25 gls, shimano tld 15

#6-49 (\$1.40) / 10.55 x 28.67 x 0.95 / 49L super mariner

#6-60 (\$0.90) / 10.61 x 20.44 x 0.92 / long beach 60, 140 squidder

#6-113 (\$1.15) / 10.50 x 20.45 x 1.13 / senator 113 black

#6-113h (\$1.65) / 13.06 x 27.02 x 1.34 / senator 113h red, calcutta 250

#6-114 (\$1.25) / 15.16 x 24.25 x 1.23 / senator 114 black

#6-115 (\$1.75) / 14.82 x 29.54 x 1.33 / senator 114h red, 115 black

#6-116 (\$2.90) / 16.55 x 32.69 x 1.36 / senator 116 black

#6-117 (\$4.15) / 16.58 x 38.64 x 1.18 / senator 117 black, 118 black

#6-155 (\$0.65) / 10.65 x 17.92 x 0.93 / 155 beachmaster

#6-309 (\$1.40) / 10.76 x 24.59 x 0.93 / 500 jigmaster, 975, calcutta 700

#6-320 (\$1.25) / 12.85 x 29.02 x 0.96 / 320 gti-gt2

#6-320LD (\$10.00) / hex 19.18 min, 20.71 max x 45.88 x 1.25 / 320 lever drag

#6-525 (\$2.00) / 15.05 x keyed 28.67 x 1.26 / graphite 525-535-545-555, 113hn

#6-855 (\$1.15) / 11.99 x 21.48 x 1.21 / 855 line counter

#6-875 (\$1.25) / 13.06 x 25.01 x 1.23 / 875 line counter

#6-895 (\$1.65) / 16.05 x 29.47 x 1.29 / 895 line counter

#6-965 (\$1.25) / 8.15 x 24.61 x 0.85 / 955-965, calcutta 400, trn100/200g

#6B-965 (\$1.25) / 15.24 x 24.30 x 0.93 / 955-965-975, calcutta 400, trn100/200g

#6-975LD (\$1.00) / 15.12 x keyed 38.25 x 1.08 / 975 lever drag

#6-5600 (\$3.00) / 14.60 x keyed 41.15 x 1.15 / 4600-5600 live liner

#6-7000 (\$1.75) / 5.08 x 21.54 x 1.14 / 7000 powergraph

#56-440 (\$1.75) / 8.88 x keyed 30.93 / 0.90 / 440 ss

#56-710 (\$0.90) / 7.92 x 14.68 x 1.22 / 710z spinfisher

#56-4200 (\$1.50) / 8.44 x keyed 26.29 x 0.95 / 4200 ss