

50 and 80 Internationals - Generations of Drag Design Changes

We put together this table to try and make clearer the design changes that have occurred in these drag systems over time

REEL #	1ST GEN		2ND GEN		3RD GEN	
	ASBESTOS WASHER	DRIVE PLATE	ASBESTOS WASHER/PLATE	DRIVE PLATE (CHANGED)	HT100 WASHER/PLATE	DRIVE PLATE
50	6-50	117-50	6/1-50	117-50	6/1-50	117-50
50W	6-50	117-50	6/1-50	117-50	6/1-50	117-50
80	6-50	117-80	6/1-50	117-80	6/1-50	117-80
80W	6-50	117-80	6/1-50	117-80	6/1-50	117-80
80S	6-50	117-80	6/1-50	117-80	6/1-50	117-80
80SW	6-50	117-80	6/1-50	117-80	6/1-50	117-80
80ST	6-50	117-80	6/1-50	117-80	6/1-50	117-80
80STW	6-50	117-80	6/1-50	117-80	6/1-50	117-80
	The drive plate on this version was two pieces screwed together that the donut drag washer sat on. 80's use two pairs		This generation the drive plate became a flatter surface, the washer is on it's own plate and the two plates ride against each other. 80's use two pairs		Drag washer changed to HT100 material 80's use two pairs	
REEL #	4TH GEN		5TH GEN		6TH GEN	
	HT100 WASHER/PLATE	DRIVE PLATE	HT100 WASHER ON DRIVE PLATE INNER	OUTER	DURA-DRAG WASHER ON DRIVE PLATE INNER	OUTER
50	6A-50	117-50	--	117N-50	--	117DN-50
50W	6A-50	117-50	--	117N-50	--	117DN-50
80	6A-50	117-80	117A-80	117-80	**117AN-80T	**117DN-50
80W	6A-50	117-80	117A-80	117-80	**117AN-80T	**117DN-50
80S	6A-50	117-80	117A-80	117-80S	**117AN-80T	**117DN-50
80SW	6A-50	117-80	117A-80	117-80S	**117AN-80T	**117DN-50
80ST	6A-50	117-80	117A-80T	117-80ST	117AN-80T	117N-80ST
80STW	6A-50	117-80	117A-80T	117-80ST	117AN-80T	117N-80ST
	I suspect no actual change here except part number 80's use two pairs		Washer plate and drive plate now become one unit w/HT100 washer Inner/Outer drive plates now used on 80's		Drag washer changed to Dura-Drag lubed material **found to work, some diff. Penn didn't make duradrags for those older models	