



Flex Weight Matching vs. Frequency Matching

Frequency was a tremendous first step in identifying the general natural flex of a shaft (A,R,S, etc.) However, being that CPM is really nothing more than a measure of diminishing oscillation, it was never really meant to determine the true flex of a shaft. As the charts show below, Frequency Matching can still yield you a 5% - 10% deviation in the true flex

Flex Weighting at the Neutral Bend Point is the only true method of defining shaft flex.

Example: 50 True Temper Shafts, Frequency Matched then Flex Matched into sets

Flex Weight Chart 2	Frequency Chart 1
2448	295
2471	295
2447	296
2444	296
2424	296
2436	296
2448	296
2432	296
2440	296
2424	296
2435	296
2404	296
2480	296
2496	296
2513	296
2454	297
2466	297
2440	297
2483	297
2451	297
2474	297
2465	297
2454	297
2481	297
2482	297
2462	297
2453	297
2439	297
2443	297
2462	297
2499	298
2482	298
2459	298
2474	298
2455	298
2471	298
2513	298
2491	298
2456	298
2481	298
2440	298
2507	298
2449	298
2433	298
2427	298
2448	298
2486	298
2445	298
2427	298
2459	299
2452	299

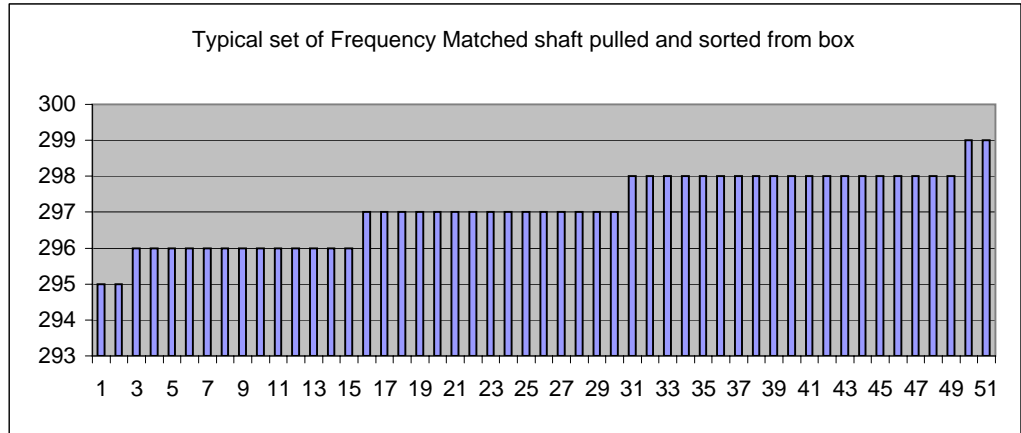


Chart 1

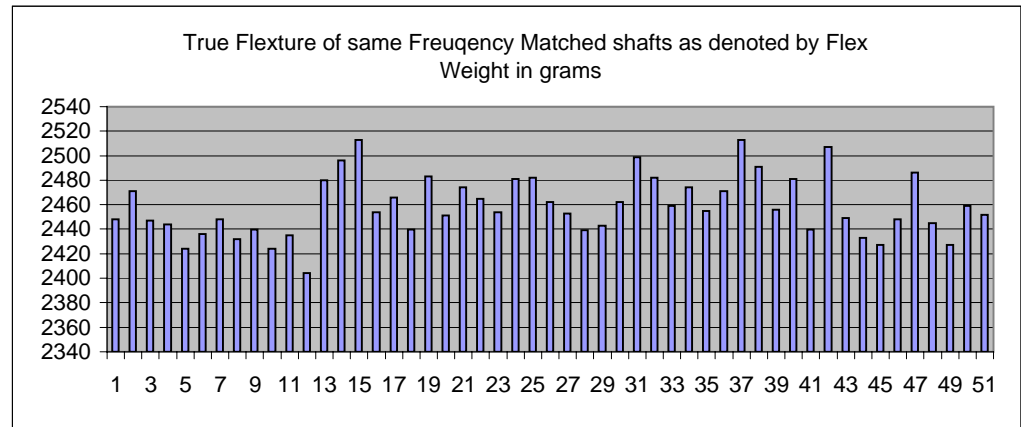
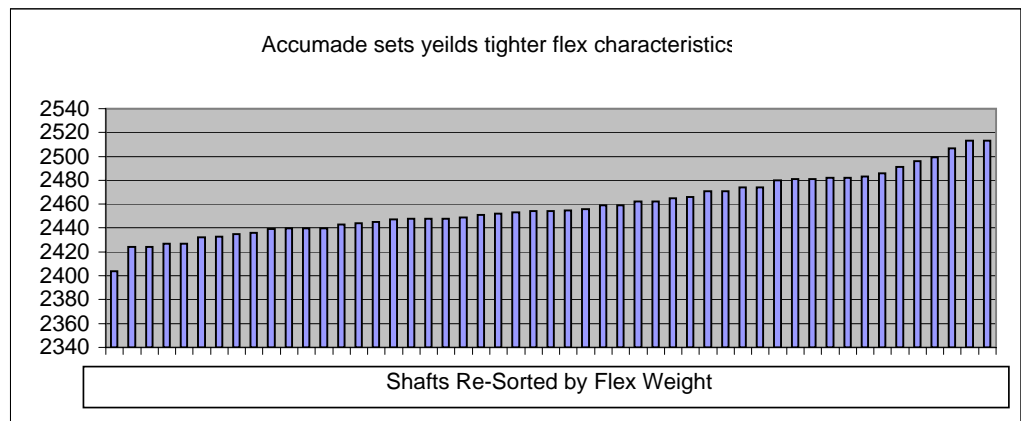


Chart 2



When purchasing shafts in quantity, Accumade will sort these shafts into sets of your design (7,8,etc.) yielding tighter flex characteristics from shaft to shaft