



Half-time pinions and their fit

Half-time pinion marked size	Distance - X inch	Distance - X mm	
+0.010	3.911	99.34	
+0.008	3.910	99.31	
+0.006	3.909	99.29	
+0.004	3.908	99.26	
+0.002	3.907	99.24	
standard	3.906	99.21	
-0.002	3.905	99.19	
-0.004	3.904	99.16	
-0.006	3.903	99.13	
-0.008	3.902	99.11	
-0.010	3.901	99.08	

Set larger idle up to 0.000" backlash into cam gears (Twin) or cam and breather gears (Comet) rotate several times to ensure correct meshing.

Measure from the outside of the large idler spindle (not the threaded part) to the outside of the mainshaft making sure to avoid the splines using a vernier calliper. Note the differences are only 0.001" so accurate measurement is needed.

Select the nearest half-time pinion and order this and the one above and below, we will accept back for full credit the unused half-time pinions.



