

CLUTCHjr M - Version 3.0 - (Untitled)
Racing Systems Analysis - www.QUARTERjr.com

Clutch Arm Data

Mfg.Style Code BND.1
 Number of Arms 3
 Total Counter Wt - grams 30.0
 Counter Wt/Arm - grams 10.0
 Ring Height - inches 0.100

Clutch Spring Data

Static Plate Force - lbs 190

 Number of Springs -1- 6
 Spring Base Pressure - lbs 30.0 180
 Spring Rate - lbs/inch 30.0 180
 Shim Thickness - inches 0.050
 Delta Ring Height - inches 0.000

Clutch Plate Force - lbs

Change in Plate Force - lbs @ Engine RPM

RPM	Centrif	Total	Launch, Lockup & Maximum	6000	7500	8500
6250	622	812	-----			
6500	672	862	+1 arm, w/o Counter Wt	82.0	128.2	164.6
6750	724	914	+1 gram - Total Counter Wt	10.9	17.0	21.8
7000	780	970	+0.010 inch - Ring Height	22.1	34.5	44.3
7250	836	1026				
7500	894	1084	+0.020 inch - Shim Thickness	3.6	3.6	3.6
7750	954	1144	note: 1 arm, w/o Counter Wt = 7.5 grams of Total Counter Wt			
8000	1018	1208				
8250	1082	1272				
8500	1148	1338				