

TECHNICAL BULLETIN

CRANKSHAFT SPECIFICATIONS

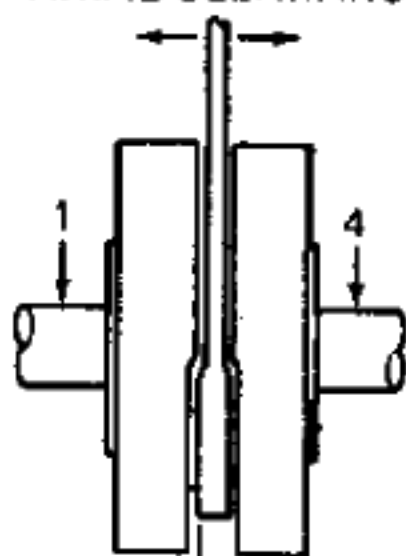
M4-021

ALL 1974 MODELS - CRANKSHAFT SPECIFICATIONS

M4-021

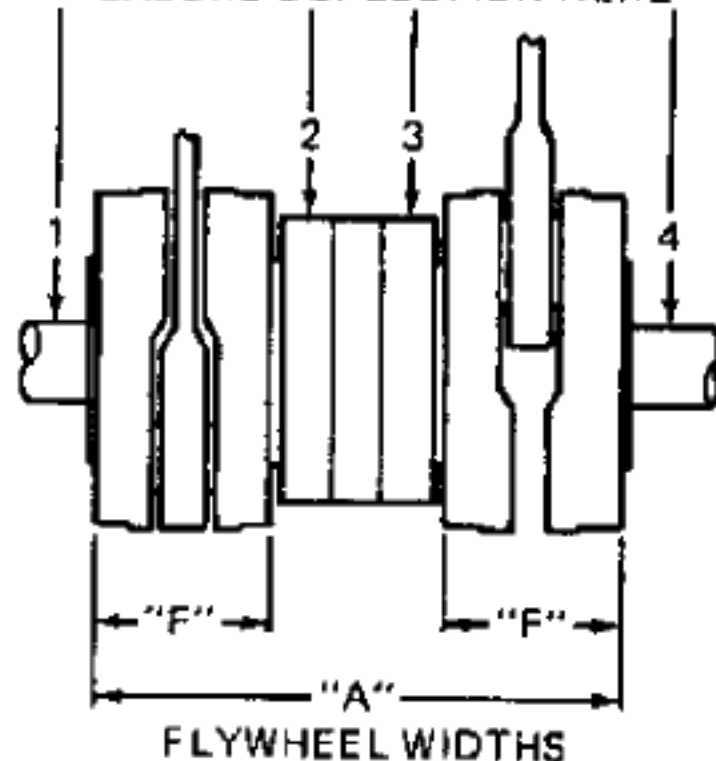
Following is crankshaft data for all 1974 model machines. There will be no wall chart containing this information this year. However, a wall chart will be printed containing both 1974 and 1975 crankshaft data after 1975 models are released.

AXIAL CLEARANCE



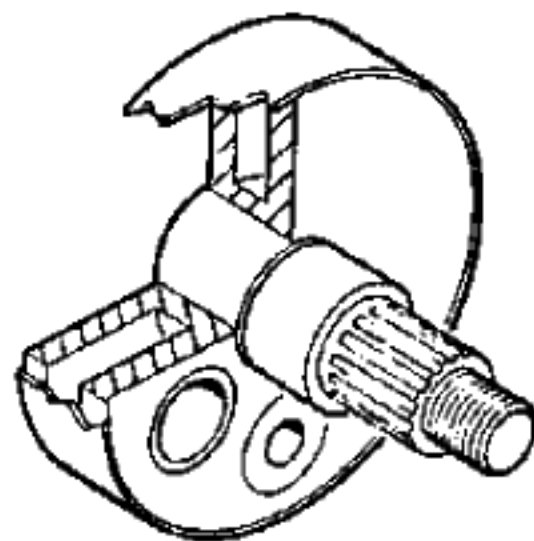
SIDE CLEARANCE

MEASURE DEFLECTION HERE



FLYWHEEL WIDTHS

NOTE: On YZ250 model only, the crank wheel design has been changed to reduce weight. The crank wheels, after forging, are fly-cut and a steel band is heat-shrunk over the opening to reduce crankcase volume. For further information refer to Motorcycle Service News Bulletin No. 393.



MODEL	DISP. (cc)	DEFLECTION TOLERANCE				FLYWHEEL WIDTHS		ROD CLEARANCE			
		1	2	3	4	F	A	NEW	MAX	MAX	MIN
RD60A	55	0.03			0.03	38 ± 0.05 / 0.10		0.8~1.0	2.0	0.5	0.2
RD200A	195	0.03	0.05	0.05	0.03	47 ± 0.05 / 0.10	140 ± 0.20	0.8~1.0	2.0	0.3	0.1
RD250A	247	0.03	0.05	0.05	0.03	52 ± 0.05	154 ± 0.05 / 0.10	0.8~1.0	2.0	0.3	0.1
RD350A	347	0.03	0.05	0.05	0.03	52 ± 0.05	154 ± 0.05 / 0.10	0.8~1.0	2.0	0.3	0.1
TX500/A	498	- one piece plain bearing crankshaft -									
TX650A	653	0.03	0.05	0.05	0.03	66 ± 0.05 / 0.10	186 ± 0.03	0.8~1.0	2.0	0.6	0.3
GT80A	73	0.03			0.03	38 ± 0.05 / 0.10		0.8~1.0	2.0	0.5	0.4
DT100A	97	0.03			0.03	50 ± 0.05 / 0.10		0.8~1.0	2.0	0.5	0.4
DT125A	123	0.03			0.03	56 ± 0.05 / 0.10		0.8~1.0	2.0	0.5	0.4
DT175A	171	0.03			0.03	56 ± 0.05 / 0.10		0.8~1.0	2.0	0.5	0.4
DT250A	246	0.03			0.03	64 ± 0.05		0.8~1.0	2.0	0.5	0.4
DT360A	351	0.03			0.03	64 ± 0.05		0.8~1.0	2.0	0.5	0.4
GTMXA	73	0.03			0.03	38 ± 0.05 / 0.10		0.8~1.0	2.0	0.5	0.4
MX100A	97	0.03			0.03	50 ± 0.05 / 0.10		0.8~1.0	2.0	0.5	0.4
MX125A	123	0.03			0.03	56 ± 0.05 / 0.10		0.8~1.0	2.0	0.5	0.4
MX175A	171	0.03			0.03	56 ± 0.05 / 0.10		0.8~1.0	2.0	0.5	0.4
MX250A	246	0.03			0.03	64 ± 0.05		0.8~1.0	2.0	0.5	0.4
MX360A	351	0.03			0.03	64 ± 0.05		0.8~1.0	2.0	0.5	0.4
SC500A	496	0.03			0.03	64 ± 0.05		0.8~1.0	2.0	0.5	0.4
YZ80A	73	0.03			0.03	38 ± 0.05 / 0.10		0.8~1.0	2.0	0.5	0.4
YZ125A	123	0.03			0.03	56 ± 0.05 / 0.10		0.8~1.0	2.0	0.5	0.4
YZ250A	246	0.03			0.03	62 ± 0.05		0.8~1.0	2.0	0.5	0.4
YZ360A	351	0.03			0.03	62 ± 0.05		0.8~1.0	2.0	0.5	0.4
TY80A	73	0.03			0.03	38 ± 0.05 / 0.10		0.8~1.0	2.0	0.5	0.4
TY250A	246	0.03			0.03	64 ± 0.05		0.8~1.0	2.0	0.6	0.4
TA125A	124	0.03	0.05	0.05	0.03	43 ± 0.05 / 0.10	126 ± 0.30	0.8~1.0	2.0		
TZ250A	247	0.03	0.05	0.05	0.03	52 ± 0.05	154 ± 0.05 / 0.10	0.8~1.0	2.0	0.3	0.1
TZ350A	347	0.03	0.05	0.05	0.03	52 ± 0.05	154 ± 0.05 / 0.10	0.8~1.0	2.0	0.3	0.1
TZ750A	694	0.03	0.05	0.05	0.03	52 ± 0.05	154 ± 0.05 / 0.10	0.8~1.0	2.0	0.3	0.1

See Page 2 for data chart.

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