

# AJV8 Engine Assembly

## Main bearing crankshaft journal diameter codes

Code	Diameter: mm	(in.)	Code	Diameter: mm	(in.)
A	62.000	(2.44094)	M	61.989	(2.44051)
B	61.999	(2.44091)	N	61.988	(2.44047)
C	61.998	(2.44087)	P	61.987	(2.44043)
D	61.997	(2.44083)	R	61.986	(2.44039)
E	61.996	(2.44079)	S	61.985	(2.44035)
F	61.995	(2.44075)	T	61.984	(2.44031)
G	61.994	(2.44071)	V	61.983	(2.44028)
H	61.993	(2.44067)	W	61.982	(2.44024)
J	61.992	(2.44063)	X	61.981	(2.44020)
K	61.991	(2.44059)	Y	61.980	(2.44016)
L	61.990	(2.44055)	Z	61.979	(2.44012)

## Connecting rod journal diameter codes

Code	Diameter: mm	(in.)
A	56.000 – 55.994	(2.20472 – 2.20449)
B	55.994 – 55.988	(2.20449 – 2.20425)
C	55.988 – 55.982	(2.20425 – 2.20402)

## Main bearing bore inside diameter codes

Code	Diameter: mm	(in.)	Code	Diameter: mm	(in.)
A	66.032	(2.59969)	L	66.022	(2.59929)
B	66.031	(2.59965)	M	66.021	(2.59925)
C	66.030	(2.59961)	N	66.020	(2.59921)
D	66.029	(2.59957)	P	66.019	(2.59917)
E	66.028	(2.59953)	R	66.018	(2.59913)
F	66.027	(2.59949)	S	66.017	(2.59909)
G	66.026	(2.59945)	T	66.016	(2.59906)
H	66.025	(2.59941)	V	66.015	(2.59902)
J	66.024	(2.59937)	W	66.014	(2.59898)
K	66.023	(2.59933)			

## Piston / cylinder bore grades

Code	Diameter: mm	(in.)
1	85.973 – 85.987	(3.38476 – 3.38531)
2	85.983 – 85.997	(3.38516 – 3.38571)
3	85.993 – 86.007	(3.38555 – 3.38610)

**NOTE:** Piston and cylinder bore grade must match.

## NOTES