



# Allison HT Series - Checklist for Adaptation

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Adaptation measurements need to be completed to ensure proper transmission and engine alignment.

## HT 700

<b>Flywheel Housing: Bore Diameter</b>	20.125	$\frac{+0.005}{-0.000}$	in.
	(511.18	$\frac{+0.13}{-0.00}$	mm)
<b>Bore Eccentricity (Limits are for installed engines)</b>			0.020 in. T.I.R. (0.51 mm)
<b>Face Squareness (Limits are for installed engines)</b>			0.020 in. T.I.R. (0.51 mm)
<b>Crankshaft Hub and/or Adaptor: Converter Pilot Diameter</b>			2.437 - 2.439 in. (61.90 - 61.95 mm)
<b>Face Squareness (T.I.R. per inch of diameter or 25 mm of diameter)</b>			0.0005 in. (0.013 mm)
<b>Pilot Eccentricity (with respect to crankshaft center of rotation)</b>			0.005 in. T.I.R. (0.13 mm)
<b>Flexplate:</b>			
Check for radial cracks			
Check for elongated mounting holes			
Check for signs of distress or wear			
<b>Converter Axial Location</b>			3.592 - 3.413 in. (91.24 - 86.69 mm)