

Baldor•Dodge MTA: Bearing Adjustment TolerancesC.O. Engineering - Gearing
October 22, 2015

Reducer bearings should be adjusted to the following axial endplay settings to ensure proper reducer performance.

Table 1 - Bearing Adjustment Tolerances [in]

Reducer Size	Input	Countershaft	Bevel	Output
MTA2115H	.001 - .003 Loose	.0005 - .0025 Loose	.0005 - .0015 Loose	.002 - .004 Preload
MTA3203H	.001 - .003 Loose	.0005 - .0025 Loose	.0005 - .0015 Loose	.002 - .004 Preload
MTA4207H	.001 - .003 Loose	.0005 - .0025 Loose	.0005 - .0015 Loose	.002 - .004 Preload
MTA5215H	.001 - .003 Loose	.0005 - .0025 Loose	.0005 - .0015 Loose	.002 - .004 Preload
MTA6307H	.001 - .003 Loose	.0005 - .0025 Loose	.0005 - .0015 Loose	.002 - .004 Preload
MTA7315H	.001 - .003 Loose	.0005 - .0025 Loose	.0005 - .0015 Loose	.002 - .004 Preload
MTA8407H	.001 - .003 Loose	.0005 - .0025 Loose	.0005 - .0015 Loose	.002 - .004 Preload