

Truline Industries Inc. Capabilities Chart

(For drive and driven gear pump bearings)

The following should be used as a general guideline of the capabilities that we at Truline offer.

Disclaimer:- This list in no way implies what the tolerances on any parts should be. It just describes what we at Truline are capable of holding.

The standard column represents 70% of our product, while the tightened column represents the remainder, which are priced higher due to supplemental procedures added to our standard, it does not mean they are routed through different machines. (Remember the tighter tolerances, while priced slightly higher, are well within our capabilities)

Please call to discuss any tolerances not shown or tolerances tighter than stated.

The tolerances are total indicator readings. All tolerances are listed in English.

	Standard (Standard Pricing)	Tightened (Slightly higher pricing)	
OD Diameter 0003" (+-.00015")	.0005" (+-.00025")		.
Micro Finish OD	63		25
ID Diameter 0003" (+-.00015")	.0005" (+-.00025")		.
Concentric to OD 0003" (+-.00015")	.0005" (+-.00025")		.
Square to Gear Face w/in 0002" (+-.0001")	.0005" (+-.00025")		.
Micro Finish ID (prior to coating)	32		16
Gear Face Flatness	.0002"		.00005"
Square to bore or OD	.0005"		.0002"
Micro Finish Face prior to coating	32		16
Opposite Face (Fixed Bearing only)			
Parallel w/in	.0003"		.0002"
Square to bore or OD	.0005"		.0002"
Flatness	.0005"		.0001"
Micro Finish Faces	32		16
Flat dimension to OD	.0005"(Parts Lapped in at assembly)		.0003"
Flatness	.0002"		.0001"
Square to gear face	.0005"		.0002"
Micro Finish	63		25
Eccentric throws (floating bearings)			
Diameters 001")	.002" (+-.001" (+-.0005"))		
True Position to Face / Bore / OD 0005" (MMC)	.001" (MMC)		.
Face Dams / Traps profile of a surface	.005" profile of a surface		.0025"
Hole in Flat True Position	.004"		.001"
Slot in Flat	.004"		.002"
Dry Lube Final Thickness per side 001"	.0003" to .0012"		.0003" to .
Dry Lube Micro Finish Bore	63 70%		32 70%
Dry Lube Micro Finish Face	32 70%		32 70%
Dry Lube Material	Sandstrom 9A or 9AXF (Fine). / E/M Lube Lok 4253		

Overspray in traps Circular Chamfer etc Note to read: - Overspray allowed as noted, dimensions apply before coating .
001" to .004" allowed in overspray areas.
General: - If not stated MMC is implied.