



MILLIMESS 1002 Z MECHANICAL DIAL COMPARATOR



- Large, high contrast dial face
- Adjustable tolerance markers
- Lockable fine adjustment screw
- Shockproof movement
- Mounting shank and measuring spindle are both made of hardened stainless steel
- Measuring spindle is mounted in a high precision ball guide for minimal hysteresis
- Resistant to lateral forces (side play) acting on the measuring spindle
- Maximum sensitivity and accuracy are ensured by the jeweled movement in conjunction with the precision gears and pinions
- Box type protective housing
- Constant measuring force
- Measuring spindle can be retracted with either a screw in cable release or with a lifting knob

Technical data

Order no.	Product type	Measuring range inch	Graduation value inch	Type of dial face	Error limit Ge in inches (text)	Error limit Gges in inches (text)	Error limit Gt in inches (text)	Hysteresis fu (inch)	Repeatability fw (inch)	Standard	Measu force
4335900	1002 Z	± .0010"	0.00002 inch	.001"-0-.001"	.00002"	.00003"	.000014"	0.00001 inch	0.00001 inch	Factory standard	1 N
4335905	1002 ZT	± .0010"	0.00002 inch	.001"-0-.001"	.00002"	.00003"	.000014"	0.00001 inch	0 inch	Factory standard	1 N
4334900	1003 Z	± .0020"	0.00005 inch	.002"-0-.002"	.00005"	.00006"	.000035"	0.000025 inch	0.000025 inch	Factory standard	1 N
4334905	1003 ZT	± .0020"	0.00005 inch	.002"-0-.002"	.00005"	.00006"	.000035"	0.000025 inch	0.000025 inch	Factory standard	1 N
4333900	1004 Z	± .0050"	0.0001 inch	.005"-0-.005"	.0001"	.00012"	.00005"	0.00003 inch	0.00003 inch	Factory standard	1 N
4333905	1004 ZT	± .0050"	0.0001 inch	.005"-0-.005"	.0001"	.00012"	.00005"	0.00003 inch	0.00003 inch	Factory standard	1 N
4332900	1010 Z	± .0100"	0.0005 inch	.01"-0-.01"	.00035"	.0004"	.00025"	0.0001 inch	0.0001 inch	Factory standard	1 N
4332905	1010 ZT	± .0100"	0.0005 inch	.01"-0-.01"	.00035"	.0004"	.00025"	0.0001 inch	0.0001 inch	Factory standard	1 N