



Applications & Test Types	Crack & Defect	Heat Treat Verification	Spline Verification	Thread Verification	Assembly Verification	Weld Detection	Feature Verification	Alloy Sort	Notes
Airbag Diffuser		X			X		X	X	Verify Disk Presence/Quantity & Alloy
Aluminum Extrusion	X						X		Tubing, Multi-Void
Ball Studs	X	X		X					Large Steering Studs for Mining Vehicles
Bar, Non-Ferrous (Brass, Copper, Aluminum)	X							X	Plumbing Valves
Bearing, Ball		X			X				Assembly for Ball Cage; Ball Hardness
Bearing, Cone	X	X			X				Tapered Bearing Assemblies
Bearing, Needle		X			X				
Bearing, Roller (Straight & Tapered)	X	X			X				
Blades (Band Saw)	X								Crack in Bi-metal Weld
Brake Caliper Housing & Brake Anchor		X							Carbide Level Verification
Camshaft		X							Lobe Heat Treatment, Cracks, Features
Castings/Covers, Engine	X			X					Porosity & Thread Tests
Control Valve Body Alloy Sort								X	Powertrain
CV Joint	X	X	X	X			X		Cracks, Feature Presence, Heat Treat Verification
Cylinder Liners	X								ID, Skirt, Flange end
Cylinders, Compressed Air and Gas	X			X					ID & OD Crack Test, Thread verification
Diesel Fuel Injector Housing	X						X		ID Keyslot Presence & OD Crack
Fastener, Clips		X							C-Clip for Power Brake Booster Assy.
Fasteners, Bolts & Screws	X	X					X		Flange Crack/Burst, Shaft
Fasteners, Nuts	X	X					X		Flange Crack/Burst
Fittings, Pneumatic/Hydraulic					X		X	X	Internal Component Presence, Orientation, Alloy
Foil Disk Alloy Sort					X			X	Single/Double Part Verification
Gears	X	X							Drivetrain
Lifters, Engine	X	X							Body & Plunger
Medical Scalpel		X							Scissor Blade
Medical Tubing	X								Laser Weld Defect Detection
Medical Device Wire	X							X	Defect Detection
One-Way Clutch Parts Hardness Inspection		X					X		Drivetrain
Pins, Pinion & Synchronizer	X	X							Drivetrain
Pipe		X				X			Oil Drill Pipe Hardness
Piston	X								Diesel Bowl Porosity/Inclusion, Gas Crown Defect
Shafts	X	X	X						Drivetrain
Steering Rack	X	X					X		Automotive
Strip, Metal	X								Defect Detection
Tubing	X					X		X	
Valves, Engine	X	X							Tip Hardness; Shaft Crack
Wheel Hub (Outer Ring/Bearing)	X	X		X					Drivetrain, Case Pattern Verification
Wheel Spindle (Inner Ring/Bearing)	X	X	X	X					Drivetrain, Case Pattern Verification
Wire	X							X	Critical Weld Wire Alloy Verification

