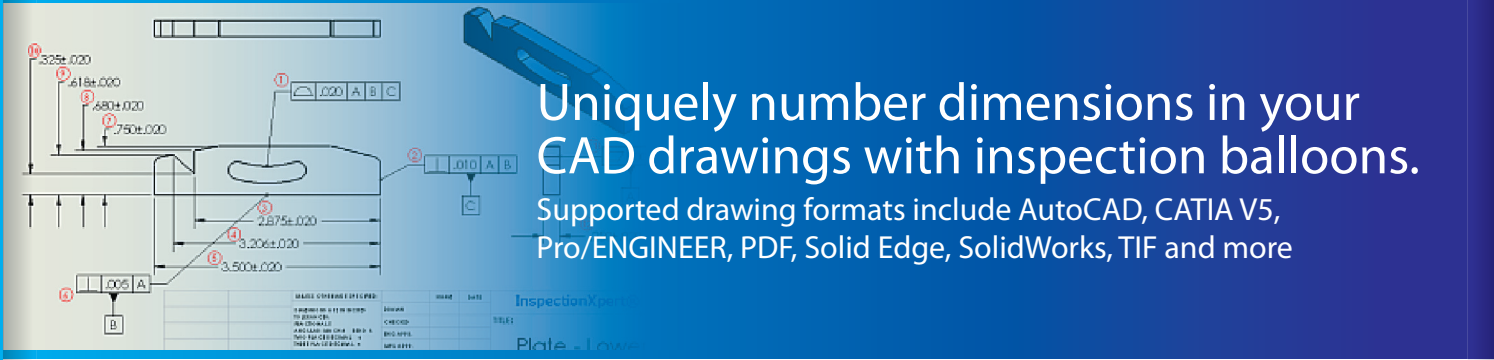




INSPECTION
XPERT

FROM CAD DRAWING TO
QUALITY INSPECTION SHEET

in MINUTES, not hours



Uniquely number dimensions in your CAD drawings with inspection balloons.

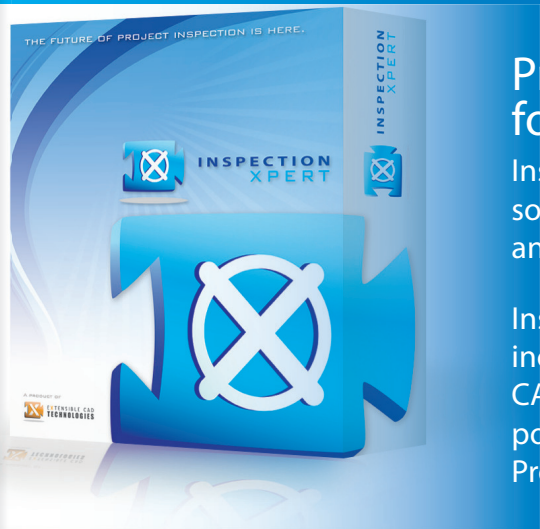
Supported drawing formats include AutoCAD, CATIA V5, Pro/ENGINEER, PDF, Solid Edge, SolidWorks, TIF and more

Export dimensions from your CAD drawings to an inspection report form.

Industry-standard formats such as AS9102 Form Three and PPAP are supported along with user-customizable report formats.

Form 3: Characteristic Accountability Ver

Characteristic Accountability							
5. Char. Id	6. Reference Location	7. Characteristic Designator	8. Requirement	8a. UoM	8a. Plus Tolerance	8a. Minus Tolerance	
		id11	12.00	millimeters	.25	-.25	
		id12	$\square \square \square 0.10 A$	N/A	N/A	N/A	
		id13	$\square \square \square 0.20 A B$	N/A	N/A	N/A	
		id14	$\square \square \square \varnothing 0.50 \text{M} A B C$	N/A	N/A	N/A	



Provide standard, accurate inspection report forms and drawings to inspectors.

InspectionXpert is inspection report automation and ballooning software that helps manufacturers generate inspection report forms and ballooned inspection drawings quickly and accurately.

InspectionXpert First-Article works with over fifty file formats including PDF, TIFF and DWG. For even greater time-savings, our CAD-integrated InspectionXpert products work directly inside most popular CAD programs including SolidWorks, Solid Edge, AutoCAD, Pro/ENGINEER, and CATIA V5.



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GD&T REFERENCE CHART
Per ASME Y14.5m - 1994

Type of Tolerance	Symbol	Characteristic	Controls		Feature Modifiers	Datums	Datum Modifiers	Bonus Tolerance	Notes
			Axis	Surface					
FORM		STRAIGHTNESS (of an axis)	X		YES		N/A	YES	Rule #1 overridden
		STRAIGHTNESS (of a surface element)		X	NO		N/A	NO	Rule #1 applies
		FLATNESS		X	NO	DATUMS NOT ALLOWED	N/A	NO	Tolerance must be less than size
		CIRCULARITY		X	NO		N/A	NO	Tolerance must be less than size
		CYLINDRICITY		X	NO		N/A	NO	Tolerance must be less than size
ORIENTATION		ANGULARITY	X	X	YES		YES	NO	Also controls flatness of surface
		PERPENDICULARITY	X	X	YES	DATUMS REQUIRED	YES	See notes	Feature modifiers OK if diameter is used
		PARALLELISM	X	X	YES		YES	NO	Also controls flatness of surface
RUNOUT		CIRCULAR RUNOUT		X	NO	DATUMS REQUIRED	NO	NO	Rule #1 applies
		TOTAL RUNOUT		X	NO		NO	NO	Rule #1 applies
PROFILE		PROFILE OF A LINE		X	NO		YES	NO	Rule #1 applies
		PROFILE OF A SURFACE		X	NO	DATUMS REQUIRED	YES	NO	Rule #1 applies
LOCATION		POSITION	X	See Notes	YES		YES	YES	Can control surface boundary
		CONCENTRICITY	See Notes		NO	DATUMS REQUIRED	NO	NO	Controls opposing median points
		SYMMETRY	See Notes		NO		NO	NO	Controls opposing median points