

IDS STL T45 Key Characteristics Date Template Guide

	Field Name	Type	Length	Description	Example
	Part Number	Alphanumeric	40	Part Number of the detail part, including dash number.	
	Supplier Id	Alphanumeric	24	Code identifying supplier	1234-1234
	Feature Id	Alphanumeric	30	Name given to feature being measured.	Loft Pocket Floor, .030 Hole, Datum A
	Key Characteristic (Descriptive Feature)	Alphanumeric	10	Identifier given to a feature that is to be considered critical. Also frequently referred to as "Descriptive Feature"	A, B, C
	Process Code	Alphanumeric	24	Code of process used to construct feature.	2.11, 15.1
	Feature Code	Alphanumeric	24	Code describing the type of feature measured.	1.2, 3.4
	Analysis Case Number	Number		Code describing Analysis Case for measured feature.	1 (Nominal Analysis cpk=min(cpu,cpl)) Required - Unless option of "Autogenerate from tolerances is selected"
	Units	Alphanumeric	10	Units that describe the measured feature. Should always be INCH unless the feature is an angle, etc.	INCH
	Piece Number	Alphanumeric	24	Used to combine measurements into a group as it defines measurements as belonging to one measurement activity on a part. Usually this is the ship number or the serial number of the part being measured. Ideally, this item should be unique for multiple loads of data (measurement activities) from the same part.	30121
	Upper Tolerance X	Number		Upper / Lower Tolerance Values for a feature. If a feature has only a single lower and upper (non X,Y,Z) tolerance, place these values in the Upper Tolerance X and Lower Tolerance X fields.	0.01
	Lower Tolerance X				-0.01
	Measured X	Number		Actual measured value represented in the Absolute coordinate system. Single measurement values, such as those for hole diameter, thickness, etc. should be	100.2
	Measured Y				-98.2
	Measured Z				34.1

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	Field Name	Type	Length	Description	Example
	Source	Alphanumeric	10	Used for separating data in the database that comes from different applications, methods of input, or internal groups. The default value for this field is "GA" (Geometry Assurance), which identifies data that comes from the TDF.	GA
	Measured at Supplier	Alphanumeric	1	Y/N field that states whether the data was taken in-house or at the supplier.	Y
	Date / Time of Measurement	Timestamp	40	Date and Time down to second of when measurement was taken.	12/3/2003 15:06
	Deviation	Number		Total deviation	-0.002
	Piece Created	Date	40	Date and time the piece was created on the measurement system.	12/1/2003 15:06

Key	
	Required field.
	Not required but highly suggested.
	Do not use -- future use and implementation .