

# ASFALIS Geometry Validator

## Table of comparable properties of PMI and Attribute.

### 1. Element list

Comparable elements			String table		Description in customize table
Category	English	Japanese	ID	Resource ID	
Property	System Attribute	システム属性	75516	SYSTEM_PROPERTY	Component
	Instance	インスタンス	75002	INSTANCE	Instance
	User Attribute	ユーザ属性	75006	USER_PROPERTY	UserProperty
	Feature Group	フィーチャグループ	76249	FEATURE_GROUP	FeatureGroup
Brep Attribute	Attribute of Face	フェース属性	75013	BREP_ATTR_FACE	BrepAttr/Face
	Attribute of Edge	エッジ属性	75947	BREP_ATTR_EDGE	BrepAttr/Edge
	Attribute of Isolated Cur	単独カーブ属性	75948	BREP_ATTR_ISO_EDGE	BrepAttr/IsoEdge
	Attribute of Vertex	頂点属性	75949	BREP_ATTR_VERTEX	BrepAttr/Vertex
	Attribute of Isolated Poi	単独点属性	75950	BREP_ATTR_ISO_VERTEX	BrepAttr/IsoVertex
PMI	Note	注記	75016	PMI_NOTE	PMI/Note
	Datum	データム	75017	PMI_DATUM	PMI/Datum
	Datum Target	データムターゲット	75018	PMI_DATUM_TARGET	PMI/DatumTarget
	GD&T	幾何公差	75019	PMI_GDT	PMI/GDT
	Surface Finish	表面仕上げ	75807	PMI_SURFACE_FINISH	PMI/Roughness
	Dimension	寸法	75020	PMI_DIMENSION	PMI/Dimension
	Line Weld	ライン溶接	75780	PMI_LINE_WELD	PMI/LineWeld
	Spot Weld	スポット溶接	75783	PMI_SPOT_WELD	PMI/SpotWeld
	Locator	ロケータ	75781	PMI_LOCATOR	PMI/Locator
	Symbol	シンボル	76033	PMI_FREE_SYMBOL	PMI/FreeSymbol
	Mock PMI	属性のみのPMI	76046	PMI MOCK	PMI/Mock
	Other PMI	その他のPMI	76050	PMI_NOT_SUPPORTED	PMI/NotSupported
	Model View	モデルビュー	75810	PMI_MODEL_VIEW	PMI/Camera

## 2. How to read this document

### PMI / Note

These are listed in the customize table.

Supported properties

X: Comparable

R: Only for display (not compared)

m: Only for mapping (neither compared nor displayed)

Highlighted properties have additional description.

String table				Description	customize table		Supported CAD				
ID	Resource ID	English	Japanese	Element	Check item	Type of value	NX Ideas	Creo	NX	CATIA V5	JT
75001	NAME	Name	名前	PMI/Note	name	String	X	X	X	X	X
75014	COLOR	Color	色	PMI/Note	color	Color	X	X	X	X	X
75039	LAYER_NUMBER	Layer number	レイヤ番号	PMI/Note	layer_number	Integer		X	X	X	X
75043	VISIBLE	Visibility	表示/非表示	PMI/Note	visible	Boolean	X	X	X	X	
75044	PICKABLE	Pickable flag	選択可能フラグ	PMI/Note	pickable	Boolean		X	X	X	
75046	STANDARD_TYPE	Standard type	規格	PMI/Note	standard_type	Enum	X			X	
75048	RELATED_ELEMENTS	Related elements	関連要素	PMI/Note	related_elements	Relation	X	X	X	X	X
75022	POSITION	Position	位置	PMI/Note	position	Position	X	X	X	X	X
75031	REFERENCE_PLANE	Reference plane	参照面	PMI/Note	reference_plane	Matrix34	m	m	m	m	m
75031	REFERENCE_PLANE	Reference plane	参照面	PMI/Note	reference_plane_rotation	Matrix33	X	X	X	X	X
75024	BOUNDING_BOX	Bounding box	バウンディングボックス	PMI/Note	bounding_box	BoundingBox	X	X	X	X	X
75038	ORIENTATION	Orientation	向き	PMI/Note	orientation	Double		X	X	X	X
75047	ORIGIN_TYPE	Alignment of origin	基準点の配置	PMI/Note	origin_type	Enum	X	X	X	X	X
75040	LINE_THICKNESS_TYPE	Line thickness	線幅	PMI/Note	line_thickness_type	Enum			X		
75041	LINE_TYPE	Line type	線種	PMI/Note	line_type	Enum	X		X		
75045	STUB_LENGTH	Stub length	スタブの長さ	PMI/Note	stub_length	Double					X
75046	FONT_NAME	Font name	フォント名	PMI/Note	font_name	String				X	X
75047	FONT_SIZE	Font size	フォントサイズ	PMI/Note	font_size	Double	X	X	X	X	X
75048	IS_VISIBLE	Is visible	可視性	PMI/Note	is_visible	Boolean				X	X

Resource ID is listed in the customize table.

Property name displayed in validation report files.

### **3. Remark**

Regarding properties with multiple instances in a single element, suffix "[]" is added to the value in "Check item". In validation reports, a sequential number is added to the end of property name. (e.g. "[1]", "[2]")

e.g. Leader line applies to this case because PMI can have more than one leader line.

e.g. Several properties in GD&T apply to this case because GD&T can have 2 rows.

# Property / System Attribute

String table				Description in customize table			Supported CAD								
id	ResourceID	English	Japanese	Element	CheckItem	ValueType	NX I-deas	Creo	SOLIDWORK	NX	CATIA V5	QIF	3D PDF	JT	STEP
75001	NAME	Name	名前	Component	name	String	X	X	X	X	X	X	X	X	X
75012	TYPE	Type	タイプ	Component	type	Enum	X	X	X	X	X	X	X	X	X
76327	SPLIT_FROM_ASSEMBLY	Part that is split from the assembly	アセンブリから分離したパート	Component	split_from_assembly	Boolean		X	m	X	X	X	m	X	X
75716	DESCRIPTION	Description	説明	Component	description	String	X				X				X
75718	PART_COMMENT	Comment	コメント	Component	part_comment	String	X								X
75719	PART_DEFINITION	Definition	定義	Component	part_definition	String					X				X
75720	PART_NAME	Part name	パート名	Component	part_name	String	X			X	X				X
75011	PART_NUMBER	Part number	パート番号	Component	part_number	String	X				X				X
75722	PART_VERSION	Version	バージョン	Component	part_version	String	X								X
75723	PART_REVISION	Revision	リビジョン	Component	part_revision	String	X	X			X				
75724	PART_SOURCE	Source	ソース	Component	part_source	String					X				X
75725	PART_LAYER	Layer	レイヤ	Component	part_layer	String									
76174	GEOMETRY_TYPE	Geometry type	形状タイプ	Component	geometry_type	Enum	X	X	X	X	X	X		X	X
75726	CHANGE_HISTORY	Change history	変更履歴	Component	change_history	String	X								
75728	BIN_NAME	Bin name	Bin名	Component	bin_name	String	X								
75727	MATERIAL	Material	マテリアル	Component	material	String	X	X	X		X				
75969	VOLUME	Volume	体積	Component	volume	Double	X	X	X	X	X			X	X
75773	SURFACE_AREA	Surface area	表面積	Component	surface_area	Double	X	X	X	X	X			X	X
75970	MASS	Mass	質量	Component	mass	Double		X						X	
75971	DENSITY	Density	密度	Component	density	Double	X	X						X	





# Property / User Attribute

String table				Description in customize table			Supported CAD								
ID	Resource ID	English	Japanese	Element	Check item	Type of value	NX I-deas	Creo	SOLIDWORK	NX	CATIA V5	QIF	3D PDF	JT	STEP
75064	KEY	Key	キー名	UserPropert	key	String	X	X	X	X	X			X	X
75012	TYPE	Type	タイプ	UserPropert	type	Enum	X	X	X	X	X			X	X
75065	VALUE	Value	値	UserPropert	value	UserAttrValue	X	X	X	X	X			X	X

# Feature Group

String table				Description in customize table			Supported CAD								
ID	Resource ID	English	Japanese	Element	Check item	Type of value	NX I-deas	Creo	SOLIDWORK	NX	CATIA V5	QIF	3D PDF	JT	STEP
75001	NAME	Name	名前	FeatureGroup	name	String					X			X	
75012	TYPE	Type	タイプ	FeatureGroup	type	Enum					X			X	
76250	CHILD_GEOMETRY	Child geometry	所属する形状	FeatureGroup	child_geometry	Relation					R			R	
76251	CHILD_FEATURE_GROUPS	Child feature groups	配下のフィーチャグループ	FeatureGroup	children	Relation					X			X	
76351	FEATURE_GROUP_CHILDREN_NAME	Name of child elements	子要素の名前	FeatureGroup	children_name	ArrayString					m			m	
75039	LAYER_NUMBER	Layer number	レイヤ番号	FeatureGroup	layer_number	Integer					X			X	
75043	VISIBLE	Visibility	表示/非表示	FeatureGroup	visible	Boolean					X			X	
76252	USER_DEFINED_TYPE	User defined type	ユーザ定義タイプ	FeatureGroup	user_defined_type	String					X			X	
76047	USER_ATTR_KEY	User attribute key	ユーザ属性キー	FeatureGroup	user_attr_key[]	String					X			X	
76048	USER_ATTR_TYPE	User attribute type	ユーザ属性タイプ	FeatureGroup	user_attr_type[]	Enum					X			X	
76049	USER_ATTR_VALUE	User attribute value	ユーザ属性値	FeatureGroup	user_attr_value[]	UserAttrValue					X			X	



# Brep Attribute

## Face

String table				Description in customize table			Supported CAD								
ID	Resource ID	English	Japanese	Element	Check item	Type of value	NX I-deas	Creo	SOLIDWORK	NX	CATIA V5	QIF	3D PDF	JT	STEP
75014	COLOR	Color	色	BrepAttr/Face	color	Color255	X	X	X	X	X	X		X	X
75015	TRANSPARENCY	Transparency	透明度	BrepAttr/Face	transparency	Transparenc	X	X	X	X	X	X		X	X
75043	VISIBLE	Visibility	表示/非表示	BrepAttr/Face	visible	Boolean	X					X			X
75039	LAYER_NUMBER	Layer number	レイヤ番号	BrepAttr/Face	layer	Integer	X			X	X				X
75030	FEATURE_NAME	Feature name	フィーチャ名	BrepAttr/Face	feature_name	ArrayString					X				

## Edge

String table				Description in customize table			Supported CAD								
ID	Resource ID	English	Japanese	Element	Check item	Type of value	NX I-deas	Creo	SOLIDWORK	NX	CATIA V5	QIF	3D PDF	JT	STEP
75014	COLOR	Color	色	BrepAttr/Edge	color	Color255	X	X		X	X	X		X	
75015	TRANSPARENCY	Transparency	透明度	BrepAttr/Edge	transparency	Transparenc									
75043	VISIBLE	Visibility	表示/非表示	BrepAttr/Edge	visible	Boolean									
75039	LAYER_NUMBER	Layer number	レイヤ番号	BrepAttr/Edge	layer	Integer	X			X	X				

## Isolated Curve

String table				Description in customize table			Supported CAD									
ID	Resource ID	English	Japanese	Element	Check item	Type of value	NX I-deas	Creo	SOLIDWORK	NX	CATIA V5	QIF	3D PDF	JT	STEP	
75014	COLOR	Color	色	BrepAttr/IsoEdg	color	Color255	X	X		X	X			X	X	
75015	TRANSPARENCY	Transparency	透明度	BrepAttr/IsoEdg	transparency	Transparenc									X	
75043	VISIBLE	Visibility	表示/非表示	BrepAttr/IsoEdg	visible	Boolean	X	X		X	X				X	
75039	LAYER_NUMBER	Layer number	レイヤ番号	BrepAttr/IsoEdg	layer	Integer	X			X	X			X	X	
75030	FEATURE_NAME	Feature name	フィーチャ名	BrepAttr/IsoEdg e	feature_nam e	ArrayString					X					

## Vertex

String table				Description in customize table			Supported CAD									
ID	Resource ID	English	Japanese	Element	Check item	Type of value	NX I-deas	Creo	SOLIDWORK	NX	CATIA V5	QIF	3D PDF	JT	STEP	
75014	COLOR	Color	色	BrepAttr/Vertex	color	Color255										
75015	TRANSPARENCY	Transparency	透明度	BrepAttr/Vertex	transparency	Transparenc										
75043	VISIBLE	Visibility	表示/非表示	BrepAttr/Vertex	visible	Boolean										
75039	LAYER_NUMBER	Layer number	レイヤ番号	BrepAttr/Vertex	layer	Integer										

## Isolated Point

String table				Description in customize table			Supported CAD								
ID	Resource ID	English	Japanese	Element	Check item	Type of value	NX I-deas	Creo	SOLIDWORK	NX	CATIA V5	QIF	3D PDF	JT	STEP
75014	COLOR	Color	色	BrepAttr/IsoVertex	color	Color255	X	X		X	X			X	X
75015	TRANSPARENCY	Transparency	透明度	BrepAttr/IsoVertex	transparency	Transparency									X
75043	VISIBLE	Visibility	表示/非表示	BrepAttr/IsoVertex	visible	Boolean	X	X		X	X				X
75039	LAYER_NUMBER	Layer number	レイヤ番号	BrepAttr/IsoVertex	layer	Integer	X			X	X				X
75030	FEATURE_NAME	Feature name	フィーチャ名	BrepAttr/IsoVertex	feature_name	ArrayString					X				



75049	FONT_NAME	Font name	フォント名	PMI/Note	font_name	String				X	X			X	
75050	FONT_SIZE	Font size	フォントサイズ	PMI/Note	font_size	Double	X	X		X	X			X	
75051	ITALIC	Italic	斜体	PMI/Note	italic	Boolean					X			X	
75052	BOLD	Bold	太字	PMI/Note	bold	Boolean					X			X	
75054	TEXT_SLANT_ANGLE	Slant angle	傾斜角度	PMI/Note	text_slant_angle	Double		X			X			X	
75055	ASPECT_RATIO	Aspect ratio	アスペクト比	PMI/Note	aspect_ratio	Double	X			X	X			X	
75056	SPACING	Spacing	文字間隔	PMI/Note	spacing	Double				X	X			X	
75057	PITCH	Line pitch	行間隔	PMI/Note	pitch	Double				X	X			X	
75058	TEXT_ALIGNMENT_TYPE	Alignment of text	テキスト配置	PMI/Note	text_alignment_type	Enum				X	X			X	
75021	NOTE_TEXT	Text string	テキスト文字列	PMI/Note	note_text	String	X	X	X	X	X	X		X	R
75034	PARALLEL_ON_SCREEN	Parallel on screen	画面に平行	PMI/Note	parallel_on_screen	Boolean		X		X	X		R	X	
76424	SIZE_LOCK_FLAG	Size fixed	サイズ固定	PMI/Note	size_lock_flag	Boolean		X		X	X				
76425	FIXED_ON_SCREEN	Fixed on screen	画面に固定	PMI/Note	fixed_on_screen	Boolean		X		X					
75035	FRAME	Frame	枠	PMI/Note	frame	Enum	X	X	X		X			X	
75036	URL	URL	URL	PMI/Note	url	String	X	X			X			X	
75568	LEADER_UNDERLINE	Leader underline	下線	PMI/Note	leader_underline	Enum		X							
76123	NOTE_TYPE	Note type	注記タイプ	PMI/Note	note_type	Enum				X	X			X	
76124	NOTE_COORDINATE_TITLE	Title of coordinate note	座標注記のタイトル	PMI/Note	coordinate_title	String				X					
76125	NOTE_COORDINATE_CATEGORY	Category of coordinate note	座標注記のカテゴリ	PMI/Note	coordinate_category	String				X				X	
76126	NOTE_COORDINATE_IDENTIFIER	Identifier of coordinate note	座標注記の識別子	PMI/Note	coordinate_identifier	String				X				X	
76127	NOTE_COORDINATE_REVISION	Revision of coordinate note	座標注記のリビジョン	PMI/Note	coordinate_revision	String				X				X	
76128	NOTE_COORDINATE_XYZ	XYZ of coordinate note	座標注記のXYZ	PMI/Note	coordinate_xyz	Position				X	X			X	

76129	NOTE_COORDINATE_IJK	IJK of coordinate note	座標注記のIJK	PMI/Note	coordinate_ijk	Position										X	
76130	NOTE_COORDINATE_LABEL	Label of coordinate note	座標注記のラベル	PMI/Note	coordinate_label	String				X						X	
76131	NOTE_COORDINATE_LEVEL	Level of coordinate note	座標注記のレベル	PMI/Note	coordinate_level	String				X						X	
76132	NOTE_COORDINATE_DECIMAL	Decimal of coordinate note	座標注記の小数点桁数	PMI/Note	coordinate_decimal	Integer				X	X					X	
76133	NOTE_COORDINATE_PREFIX_X	Prefix of X of coordinate note	座標注記のXの接頭辞	PMI/Note	coordinate_prefix_x	String				X						X	
76134	NOTE_COORDINATE_PREFIX_Y	Prefix of Y of coordinate note	座標注記のYの接頭辞	PMI/Note	coordinate_prefix_y	String				X						X	
76135	NOTE_COORDINATE_PREFIX_Z	Prefix of Z of coordinate note	座標注記のZの接頭辞	PMI/Note	coordinate_prefix_z	String				X						X	
76136	NOTE_COORDINATE_PREFIX_I	Prefix of I of coordinate note	座標注記のIの接頭辞	PMI/Note	coordinate_prefix_i	String				X						X	
76137	NOTE_COORDINATE_PREFIX_J	Prefix of J of coordinate note	座標注記のJの接頭辞	PMI/Note	coordinate_prefix_j	String				X						X	
76138	NOTE_COORDINATE_PREFIX_K	Prefix of K of coordinate note	座標注記のKの接頭辞	PMI/Note	coordinate_prefix_k	String				X						X	
76139	NOTE_COORDINATE_PREFIX_LABEL	Prefix of Label of coordinate note	座標注記のラベルの接頭辞	PMI/Note	coordinate_prefix_label	String				X						X	
76140	NOTE_COORDINATE_PREFIX_LEVEL	Prefix of Level of coordinate note	座標注記のレベルの接頭辞	PMI/Note	coordinate_prefix_level	String				X						X	
76141	NOTE_COORDINATE_SUFFIX_X	Suffix of X of coordinate note	座標注記のXの接尾辞	PMI/Note	coordinate_suffix_x	String				X						X	
76142	NOTE_COORDINATE_SUFFIX_Y	Suffix of Y of coordinate note	座標注記のYの接尾辞	PMI/Note	coordinate_suffix_y	String				X						X	
76143	NOTE_COORDINATE_SUFFIX_Z	Suffix of Z of coordinate note	座標注記のZの接尾辞	PMI/Note	coordinate_suffix_z	String				X						X	
76144	NOTE_COORDINATE_SUFFIX_I	Suffix of I of coordinate note	座標注記のIの接尾辞	PMI/Note	coordinate_suffix_i	String				X						X	

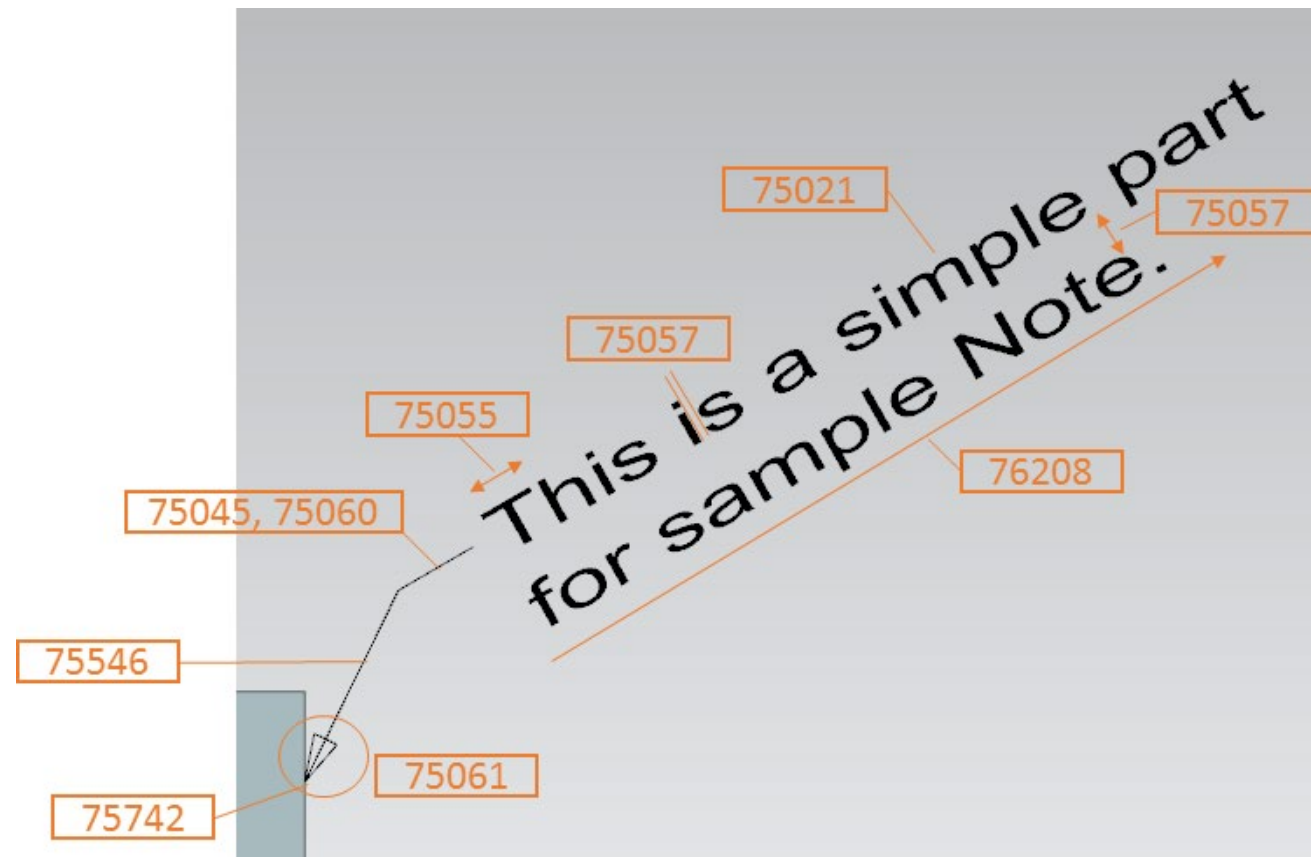
76145	NOTE_COORDINATE_SUFFIX_J	Suffix of J of coordinate note	座標注記のJの接尾辞	PMI/Note	coordinate_suffix_j	String				X				X	
76146	NOTE_COORDINATE_SUFFIX_K	Suffix of K of coordinate note	座標注記のKの接尾辞	PMI/Note	coordinate_suffix_k	String				X				X	
76147	NOTE_COORDINATE_SUFFIX_LA	Suffix of Label of coordinate note	座標注記のラベルの接尾辞	PMI/Note	coordinate_suffix_label	String				X				X	
76148	NOTE_COORDINATE_SUFFIX_LEVEL	Suffix of Level of coordinate note	座標注記のレベルの接尾辞	PMI/Note	coordinate_suffix_level	String				X				X	
76149	NOTE_COORDINATE_INCLUDE_X	Display of X of coordinate note	座標注記のXの表示	PMI/Note	coordinate_include_x	Boolean				X	X			X	
76150	NOTE_COORDINATE_INCLUDE_Y	Display of Y of coordinate note	座標注記のYの表示	PMI/Note	coordinate_include_y	Boolean				X	X			X	
76151	NOTE_COORDINATE_INCLUDE_Z	Display of Z of coordinate note	座標注記のZの表示	PMI/Note	coordinate_include_z	Boolean				X	X			X	
76152	NOTE_COORDINATE_INCLUDE_I	Display of I of coordinate note	座標注記のIの表示	PMI/Note	coordinate_include_i	Boolean				X				X	
76153	NOTE_COORDINATE_INCLUDE_J	Display of J of coordinate note	座標注記のJの表示	PMI/Note	coordinate_include_j	Boolean				X				X	
76154	NOTE_COORDINATE_INCLUDE_K	Display of K of coordinate note	座標注記のKの表示	PMI/Note	coordinate_include_k	Boolean				X				X	
76155	NOTE_COORDINATE_INCLUDE_LABEL	Display of Label of coordinate note	座標注記のラベルの表示	PMI/Note	coordinate_include_label	Boolean				X				X	
76156	NOTE_COORDINATE_INCLUDE_LEVEL	Display of Level of coordinate note	座標注記のレベルの表示	PMI/Note	coordinate_include_level	Boolean				X				X	
75983	BALLOON_SIZE	Balloon diameter	バルーン直径	PMI/Note	balloon_size	Double				X				X	
75513	NUMBER_OF_LEADER	Number of leader line	引き出し線の数	PMI/Note	number_of_leader	Integer	X	X		X	X	X		X	
75060	LEADER_ANCHOR_ALIGNMENT_TYPE	Stub direction of leader	引き出し線のスタブ方向	PMI/Note	leader_anchor_alignment_type	Enum	X	X	X	X	X			X	
75061	LEADER_HEAD_TYPE	Leader head type	引き出し線の矢先タイプ	PMI/Note	leader_head_type[]	Enum	X	X		X	X	X		X	

75546	LEADER_POINTS	Leader polyline	引き出し線のポリライン	PMI/Note	leader_points[]	Array3DCoords	X	X	X	X	X	X		X	
75742	LEADER_HEAD_POSITION	Leader head position	引き出し線の先端座標	PMI/Note	leader_head_position[]	Position	X	X	X	X	X	X		X	R

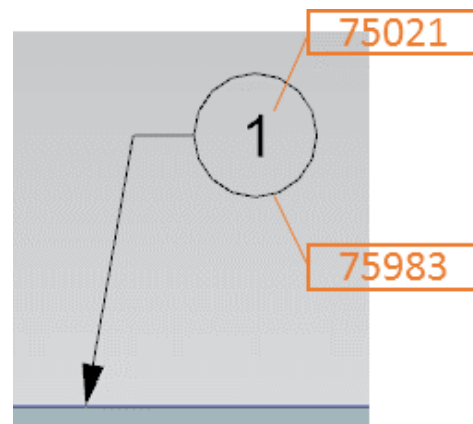
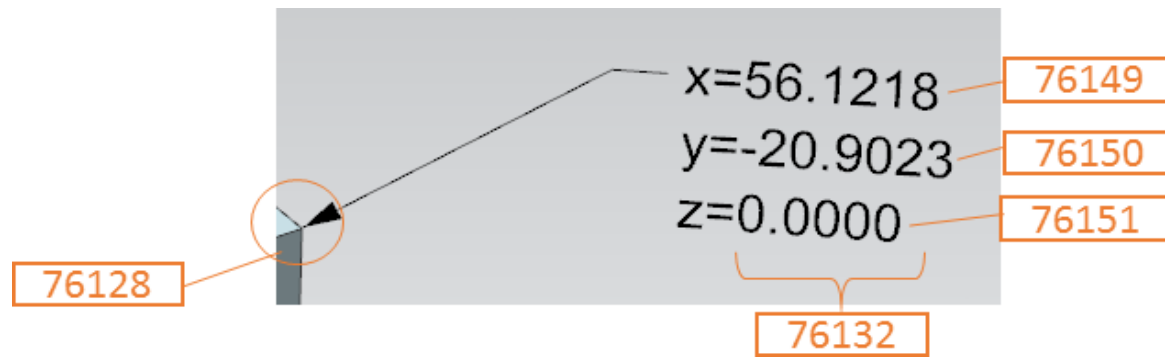
75047 Anchor point alignment of note text. (e.g. left-upper)

75058 Text justification. (e.g. left, center or right)

75054 Slant angle of italic font.



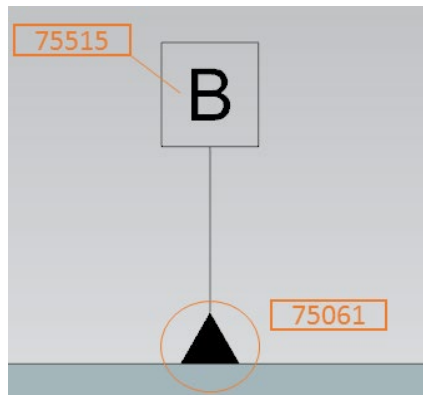




# PMI / Datum

String table				Description in customize table			Supported CAD								
ID	Resource ID	English	Japanese	Element	Check item	Type of value	NX I-deas	Creo	SOLIDWORK	NX	CATIA V5	QIF	3D PDF	JT	STEP
75001	NAME	Name	名前	PMI/Datum	name	String	X	X	X	X	X		X	X	X
75014	COLOR	Color	色	PMI/Datum	color	Color255	X	X	X	X	X	X	X	X	X
76093	LEADER_COLOR	Leader color	引き出し線の色	PMI/Datum	leader_color[	Color255				X				X	
75039	LAYER_NUMBER	Layer number	レイヤ番号	PMI/Datum	layer_numbe	Integer				X	X			X	
75043	VISIBLE	Visibility	表示/非表示	PMI/Datum	visible	Boolean	X	X	X	X	X		R		
75044	PICKABLE	Pickable flag	選択可能フラグ	PMI/Datum	pickable	Boolean				X	X				
75046	STANDARD_TYPE	Standard type	規格	PMI/Datum	standard_typ	Enum	X				X				
76246	PMI_POLYLINE	Polyline shape	ポリライン形状	PMI/Datum	polyline	PmiPolyline	X	X	X	X	X	X	X	X	X
75048	RELATED_ELEMENTS	Related elements	関連要素	PMI/Datum	related_elements	Relation	X	X	X	X	X	X		X	X
75022	POSITION	Position	位置	PMI/Datum	position	Position	X	X	X	X	X	X		X	R
76207	NORMAL_VECTOR_OF_REFERENCE_PLANE	Normal direction of reference plane	参照面の垂直方向	PMI/Datum	normal_vector_of_reference_plane	Vector	X	X	X	X	X	m		X	R
76208	TEXT_DIRECTION	Text direction	テキスト方向	PMI/Datum	text_direction	Vector	X	X	X	X	X	X		X	R
75024	BOUNDING_BOX	Bounding box	バウンディングボックス	PMI/Datum	bounding_box	BoundingBox	X	X	X	X	X	m	X	X	X
75047	ORIGIN_TYPE	Alignment of	基準点の配置	PMI/Datum	origin_type	Enum	X	X		X	X			X	
75040	LINE_THICKNESS_TYPE	Line thickness	線幅	PMI/Datum	line_thickness_type	Enum				X					X
75041	LINE_TYPE	Line type	線種	PMI/Datum	line_type	Enum	X			X					X
75045	STUB_LENGTH	Stub length	スタブの長さ	PMI/Datum	stub_length	Double								X	
75049	FONT_NAME	Font name	フォント名	PMI/Datum	font_name	String					X			X	

75050	FONT_SIZE	Font size	フォントサイズ	PMI/Datum	font_size	Double	X	X		X	X			X	
75051	ITALIC	Italic	斜体	PMI/Datum	italic	Boolean				X				X	
75052	BOLD	Bold	太字	PMI/Datum	bold	Boolean				X				X	
75054	TEXT_SLANT_ANGLE	Slant angle	傾斜角度	PMI/Datum	text_slant_angle	Double		X						X	
75055	ASPECT_RATIO	Aspect ratio	アスペクト比	PMI/Datum	aspect_ratio	Double	X			X				X	
75056	SPACING	Spacing	文字間隔	PMI/Datum	spacing	Double				X				X	
75515	DATUM_LABEL	Datum label	データムラベル	PMI/Datum	datum_label	String	X	X	X	X	X	X	m	X	X
75513	NUMBER_OF_LEADER	Number of leader line	引き出し線の数	PMI/Datum	number_of_leader	Integer	X	X		X	X	X		X	
75060	LEADER_ANCHOR_ALIGNMENT_TYPE	Stub direction of leader	引き出し線のスタブ方向	PMI/Datum	leader_anchor_alignment_type[]	Enum	X	X		X	X			X	
75061	LEADER_HEAD_TYPE	Leader head type	引き出し線の矢先タイプ	PMI/Datum	leader_head_type[]	Enum	X	X	X	X	X	X		X	
75546	LEADER_POINTS	Leader polyline	引き出し線のポリライン	PMI/Datum	leader_points[]	Array3DCoords	X	X	X	X	X	X		X	
75742	LEADER_HEAD_POSITION	Leader head position	引き出し線の先端座標	PMI/Datum	leader_head_position[]	Position	X	X	X	X	X	X		X	R



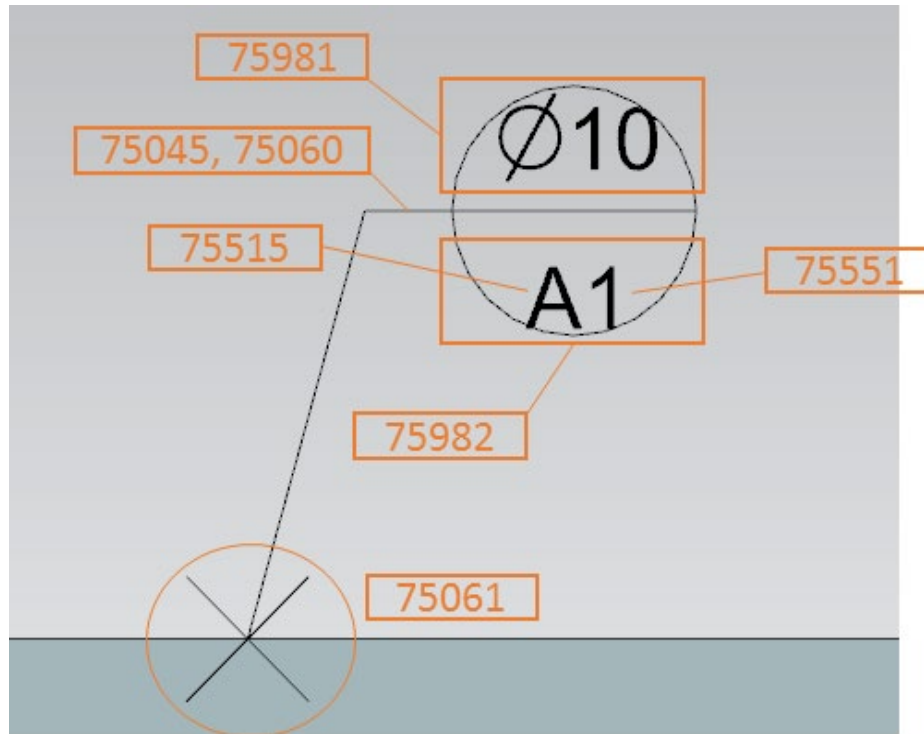
# PMI / Datum Target

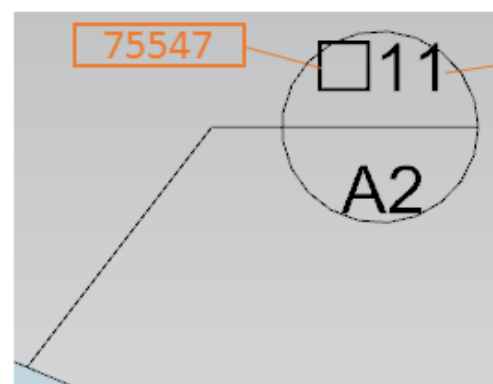
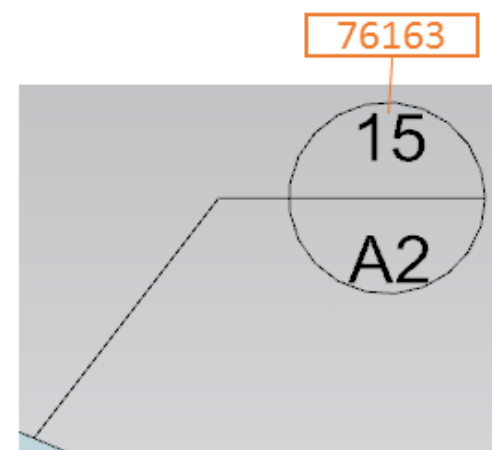
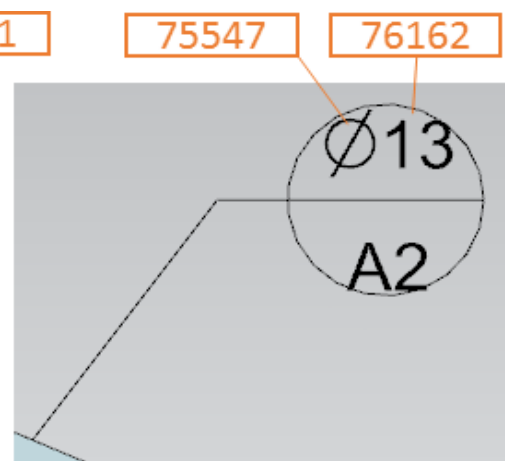
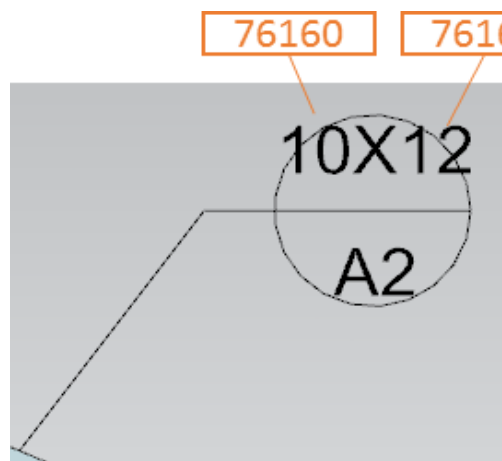
String table				Description in customize table			Supported CAD								
ID	Resource ID	English	Japanese	Element	Check item	Type of value	NX I-deas	Creo	SOLIDWORK	NX	CATIA V5	QIF	3D PDF	JT	STEP
75001	NAME	Name	名前	PMI/DatumTarget	name	String	X		X	X	X		X	X	X
75014	COLOR	Color	色	PMI/DatumTarget	color	Color255	X		X	X	X		X	X	X
76093	LEADER_COLOR	Leader color	引き出し線の色	PMI/DatumTarget	leader_color[]	Color255				X				X	
75039	LAYER_NUMBER	Layer number	レイヤ番号	PMI/DatumTarget	layer_number	Integer				X	X			X	
75043	VISIBLE	Visibility	表示/非表示	PMI/DatumTarget	visible	Boolean	X		X	X	X		R		
75044	PICKABLE	Pickable flag	選択可能フラグ	PMI/DatumTarget	pickable	Boolean				X	X				
75046	STANDARD_TYPE	Standard type	規格	PMI/DatumTarget	standard_type	Enum	X				X				
76246	PMI_POLYLINE	Polyline shape	ポリライン形状	PMI/DatumTarget	polyline	PmiPolyline	X		X	X	X		X	X	X
75048	RELATED_ELEMENTS	Related elements	関連要素	PMI/DatumTarget	related_elements	Relation	X		X	X	X			X	X
75022	POSITION	Position	位置	PMI/DatumTarget	position	Position	X		X	X	X			X	R
76207	NORMAL_VECTOR_OF_REFERENCE_PLANE	Normal direction of reference plane	参照面の垂直方向	PMI/DatumTarget	normal_vector_of_reference_plane	Vector	X		X	X	X			X	R

76208	TEXT_DIRECTION	Text direction	テキスト方向	PMI/DatumTarget	text_direction	Vector	X		X	X	X			X	R
75024	BOUNDING_BOX	Bounding box	バウンディングボックス	PMI/DatumTarget	bounding_box	Bounding Box	X		X	X	X		X	X	X
75047	ORIGIN_TYPE	Alignment of origin	基準点の配置	PMI/DatumTarget	origin_type	Enum	X			X	X			X	
75040	LINE_THICKNESS_TYPE	Line thickness	線幅	PMI/DatumTarget	line_thickness_type	Enum				X					X
75041	LINE_TYPE	Line type	線種	PMI/DatumTarget	line_type	Enum	X			X					X
75045	STUB_LENGTH	Stub length	スタブの長さ	PMI/DatumTarget	stub_length	Double								X	
75049	FONT_NAME	Font name	フォント名	PMI/DatumTarget	font_name	String					X			X	
75050	FONT_SIZE	Font size	フォントサイズ	PMI/DatumTarget	font_size	Double	X			X	X			X	
75051	ITALIC	Italic	斜体	PMI/DatumTarget	italic	Boolean					X			X	
75052	BOLD	Bold	太字	PMI/DatumTarget	bold	Boolean					X			X	
75054	TEXT_SLANT_ANGLE	Slant angle	傾斜角度	PMI/DatumTarget	text_slant_angle	Double								X	
75055	ASPECT_RATIO	Aspect ratio	アスペクト比	PMI/DatumTarget	aspect_ratio	Double	X			X				X	
75056	SPACING	Spacing	文字間隔	PMI/DatumTarget	spacing	Double				X				X	
75548	TARGET_TYPE	Target type	ターゲットの種類	PMI/DatumTarget	target_type	Enum	X		X	X	R			X	X
75515	DATUM_LABEL	Datum label	データムラベル	PMI/DatumTarget	datum_label	String	X		X	X	X		m	X	X
75551	DATUM_INDEX	Datum index	データムインデックス	PMI/DatumTarget	datum_index	Integer	X			X	X			X	X

76160	TARGET_WIDTH	Width of datum area	デーラム領域の幅	PMI/DatumTarget	target_width	Double	X			X	X			X	X
76161	TARGET_HEIGHT	Height of datum area	デーラム領域の高さ	PMI/DatumTarget	target_height	Double	X			X	X			X	X
76162	TARGET_DIAMETER	Diameter of datum area	デーラム領域の直径	PMI/DatumTarget	target_diameter	Double	X			X	X			X	X
76163	TARGET_SIZE	Size of datum target	デーラムターゲットの補足事項	PMI/DatumTarget	target_size	String	X		X	X	X			X	
75547	VALUE_SYMBOL	Symbol	シンボル	PMI/DatumTarget	value_symbol	Enum	R		R	R	R			R	
75552	DECIMAL	Decimal	小数点桁数	PMI/DatumTarget	decimal	Integer	R			R	R			R	R
75981	UPPER_DATUM_TARGET_FRAME	Upper datum target frame	デーラムターゲット記入枠の上段	PMI/DatumTarget	upper_frame	String	R		R	R	R			R	R
75982	LOWER_DATUM_TARGET_FRAME	Lower datum target frame	デーラムターゲット記入枠の下段	PMI/DatumTarget	lower_frame	String	R		R	R	R			R	R
76328	UNIT_SYSTEM	Unit system	単位系	PMI/DatumTarget	unit_system	Enum				X	X			X	
76329	DECIMAL_MARKER	Decimal mark	小数点記号	PMI/DatumTarget	decimal_marker	Enum				X	X			X	
75513	NUMBER_OF_LEADER	Number of leader line	引き出し線の数	PMI/DatumTarget	number_of_leader	Integer	X			X	X			X	
75060	LEADER_ANCHOR_ALIGNMENT_TYPE	Stub direction of leader	引き出し線のスタブ方向	PMI/DatumTarget	leader_anchor_alignment_type[]	Enum	X			X	X			X	
75061	LEADER_HEAD_TYPE	Leader head type	引き出し線の矢先タイプ	PMI/DatumTarget	leader_head_type[]	Enum	X		X	X	X			X	
75546	LEADER_POINTS	Leader polyline	引き出し線のポリライン	PMI/DatumTarget	leader_points[]	Array3DCoords	X		X	X	X			X	
75742	LEADER_HEAD_POSITION	Leader head position	引き出し線の先端座標	PMI/DatumTarget	leader_head_position[]	Position	X		X	X	X			X	R

75548 Region of datum target. (e.g. point, rectangle or circle)











75577	MODIFIER_P	Projected tolerance modifier (P)	突出公差修飾子 (P)	PMI/GDT	modifier_p[]	Boolean	X	X		X	X	X		X	X
75578	MODIFIER_T	Tangent plane modifier (T)	接平面修飾子 (T)	PMI/GDT	modifier_t[]	Boolean	X	X	X	X	X	X		X	X
75579	MODIFIER_ST	Statistical tolerance modifier (ST)	統計的公差修飾子 (ST)	PMI/GDT	modifier_st[]	Boolean	X	X	X	X	X	X		X	X
75580	MODIFIER_BETWEEN	Between modifier (<=>)	修飾子 (<=>)	PMI/GDT	modifier_between[]	Boolean	X			X	X			X	X
75581	CONDITIONAL_MODIFIER	Material condition	実体条件	PMI/GDT	conditional_modifier[]	Enum	X	X	X	X	X	X		X	X
75582	PROJECTED_VALUE	Projected tolerance zone	突出公差域	PMI/GDT	projected_value[]	Double		X		X		X		X	X
75583	PROJECTED_VALUE_AS_STRING	Projected tolerance zone (string)	突出公差域 (文字列)	PMI/GDT	projected_value_as_string[]	String	X	X		X	X	X		X	R
75585	PRIMARY_DATUM_LABEL	Primary datum reference	第1次データム	PMI/GDT	primary_datum_label[]	String	X	X	X	X	X	X		X	X
75586	PRIMARY_MODIFIER_F	Primary datum Free state modifier (F)	第1次データム 自由状態修飾子 (F)	PMI/GDT	primary_modifier_f[]	Boolean		X	X	X	X	X		X	X
75587	PRIMARY_MODIFIER_P	Primary datum Projected tolerance modifier (P)	第1次データム 突出公差修飾子 (P)	PMI/GDT	primary_modifier_p[]	Boolean		X		X	X	X		X	X
75588	PRIMARY_MODIFIER_T	Primary datum Tangent plane modifier (T)	第1次データム 接平面修飾子 (T)	PMI/GDT	primary_modifier_t[]	Boolean		X	X	X	X	X		X	X
75589	PRIMARY_MODIFIER_ST	Primary datum Statistical tolerance modifier (ST)	第1次データム 統計的公差修飾子 (ST)	PMI/GDT	primary_modifier_st[]	Boolean		X	X	X	X	X		X	X

75590	PRIMARY_MODIFIER_BETWEEN	Primary datum Between modifier (<=>)	第1次データム 修飾子 (<=>)	PMI/GDT	primary_modifier_between[]	Boolean				X	X	X		X	X
75591	PRIMARY_CONDITIONAL_MODIFIER	Primary datum Material	第1次データム 実体条件	PMI/GDT	primary_conditional_modifier[]	Enum	X	X	X	X	X	X		X	X
75592	PRIMARY_COMPOUND_DATUM_LABEL	Primary compound datum reference	第1次共通データム	PMI/GDT	primary_compound_datum_label[]	String	X	X		X	X	X		X	X
75593	PRIMARY_COMPOUND_MODIFIER_F	Primary compound datum Free state modifier (F)	第1次共通データム 自由状態修飾子 (F)	PMI/GDT	primary_compound_modifier_f[]	Boolean		X		X	X	X		X	X
75594	PRIMARY_COMPOUND_MODIFIER_P	Primary compound datum Projected tolerance modifier (P)	第1次共通データム 突出公差修飾子 (P)	PMI/GDT	primary_compound_modifier_p[]	Boolean		X		X	X	X		X	X
75595	PRIMARY_COMPOUND_MODIFIER_T	Primary compound datum Tangent plane modifier	第1次共通データム 接平面修飾子 (T)	PMI/GDT	primary_compound_modifier_t[]	Boolean		X		X	X	X		X	X
75596	PRIMARY_COMPOUND_MODIFIER_ST	Primary compound datum Statistical tolerance modifier (ST)	第1次共通データム 統計的公差修飾子 (ST)	PMI/GDT	primary_compound_modifier_st[]	Boolean		X		X	X	X		X	X
75597	PRIMARY_COMPOUND_MODIFIER_BETWEEN	Primary compound datum Between modifier (<=>)	第1次共通データム 修飾子 (<=>)	PMI/GDT	primary_compound_modifier_between[]	Boolean				X	X	X		X	X
75598	PRIMARY_COMPOUND_CONDITIONAL_MODIFIER	Primary compound datum Material	第1次共通データム 実体条件	PMI/GDT	primary_compound_conditional_modifier[]	Enum	X	X		X	X	X		X	X

75599	SECONDARY_DATUM_LABEL	Secondary datum reference	第2次データム	PMI/GDT	secondary_datum_label[]	String	X	X	X	X	X	X		X	X
75600	SECONDARY_MODIFIER_F	Secondary datum Free state modifier (F)	第2次データム 自由状態修飾子 (F)	PMI/GDT	secondary_modifier_f[]	Boolean		X	X	X	X	X		X	X
75601	SECONDARY_MODIFIER_P	Secondary datum Projected tolerance modifier (P)	第2次データム 突出公差修飾子 (P)	PMI/GDT	secondary_modifier_p[]	Boolean		X		X	X	X		X	X
75602	SECONDARY_MODIFIER_T	Secondary datum Tangent plane modifier	第2次データム 接平面修飾子 (T)	PMI/GDT	secondary_modifier_t[]	Boolean		X	X	X	X	X		X	X
75603	SECONDARY_MODIFIER_ST	Secondary datum Statistical tolerance modifier (ST)	第2次データム 統計的公差修飾子 (ST)	PMI/GDT	secondary_modifier_st[]	Boolean		X	X	X	X	X		X	X
75604	SECONDARY_MODIFIER_BETWEEN	Secondary datum Between modifier (<=>)	第2次データム 修飾子 (<=>)	PMI/GDT	secondary_modifier_between[]	Boolean				X	X	X		X	X
75605	SECONDARY_CONDITIONAL_MODIFIER	Secondary datum Material condition	第2次データム 実体条件	PMI/GDT	secondary_conditional_modifier[]	Enum	X	X	X	X	X	X		X	X
75606	SECONDARY_COMPOUND_DATUM_LABEL	Secondary compound datum reference	第2次共通データム	PMI/GDT	secondary_compound_datum_label[]	String	X	X		X	X	X		X	X
75607	SECONDARY_COMPOUND_MODIFIER_F	Secondary compound datum Free state modifier (F)	第2次共通データム 自由状態修飾子 (F)	PMI/GDT	secondary_compound_modifier_f[]	Boolean		X		X	X	X		X	X

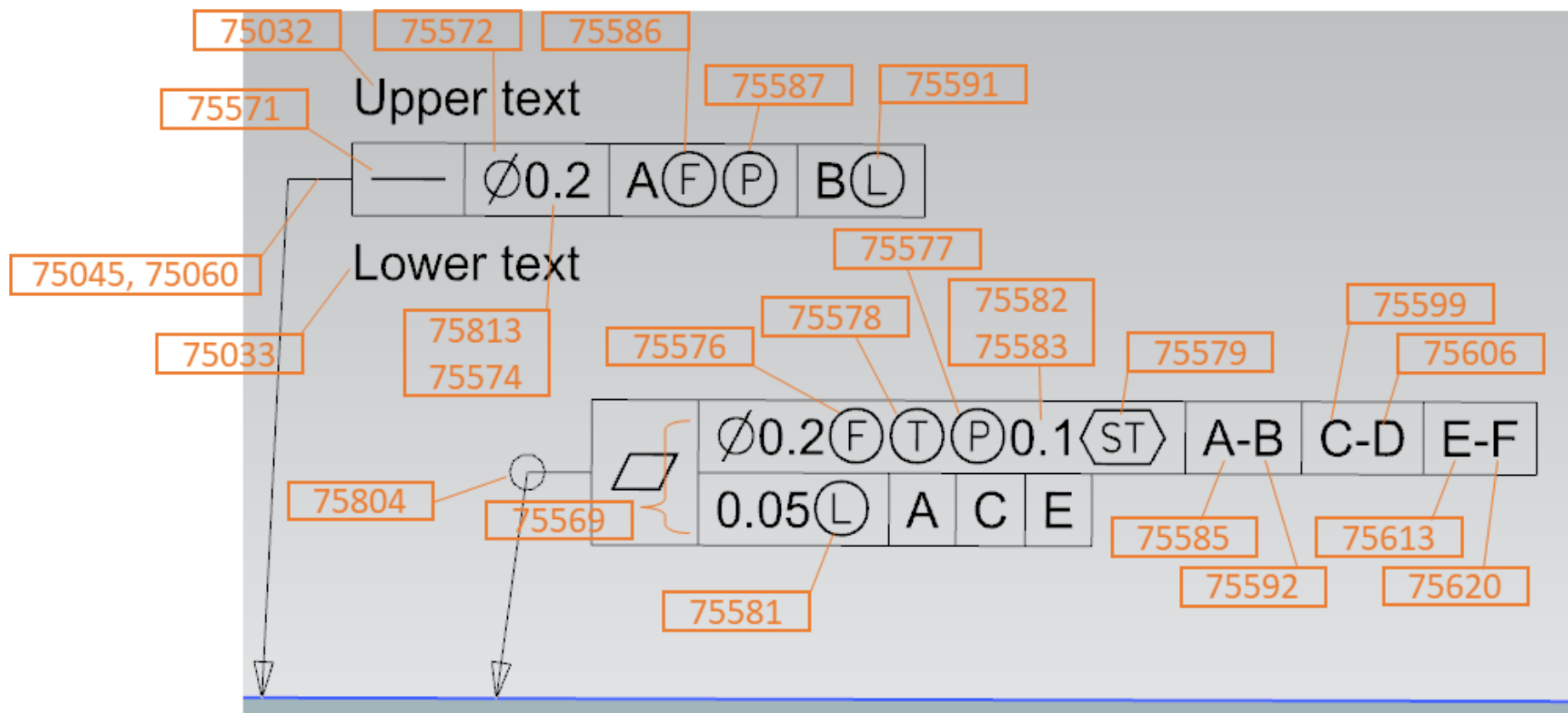
75608	SECONDARY_COMPOUND_MODIFIER_P	Secondary compound datum Projected tolerance modifier (P)	第2次共通データ 突出公差修飾子 (P)	PMI/GDT	secondary_compound_modifier_p[]	Boolean		X		X	X	X		X	X
75609	SECONDARY_COMPOUND_MODIFIER_T	Secondary compound datum Tangent plane modifier	第2次共通データ 接平面修飾子 (T)	PMI/GDT	secondary_compound_modifier_t[]	Boolean		X		X	X	X		X	X
75610	SECONDARY_COMPOUND_MODIFIER_ST	Secondary compound datum Statistical tolerance modifier (ST)	第2次共通データ 統計的公差修飾子 (ST)	PMI/GDT	secondary_compound_modifier_st[]	Boolean		X		X	X	X		X	X
75611	SECONDARY_COMPOUND_MODIFIER_BETWEEN	Secondary compound datum Between modifier (<=>)	第2次共通データ 修飾子 (<=>)	PMI/GDT	secondary_compound_modifier_between[]	Boolean				X	X	X		X	X
75612	SECONDARY_CONDITIONAL_MODIFIER	Secondary compound datum Material	第2次共通データ 実体条件	PMI/GDT	secondary_compound_conditional_modifier[]	Enum	X	X		X	X	X		X	X
75613	TERTIARY_DATUM_LABEL	Tertiary datum reference	第3次データ	PMI/GDT	tertiary_datum_label[]	String	X	X	X	X	X	X		X	X
75614	TERTIARY_MODIFIER_F	Tertiary datum Free state modifier (F)	第3次データ 自由状態修飾子 (F)	PMI/GDT	tertiary_modifier_f[]	Boolean		X	X	X	X	X		X	X
75615	TERTIARY_MODIFIER_P	Tertiary datum Projected tolerance modifier (P)	第3次データ 突出公差修飾子 (P)	PMI/GDT	tertiary_modifier_p[]	Boolean		X		X	X	X		X	X
75616	TERTIARY_MODIFIER_T	Tertiary datum Tangent plane modifier (T)	第3次データ 接平面修飾子 (T)	PMI/GDT	tertiary_modifier_t[]	Boolean		X	X	X	X	X		X	X

75617	TERTIARY_MODIFIER_ST	Tertiary datum Statistical tolerance modifier (ST)	第3次データム 統計的公差修飾子 (ST)	PMI/GDT	tertiary_modifier_st[]	Boolean		X	X	X	X	X		X	X
75618	TERTIARY_MODIFIER_BETWEEN	Tertiary datum Between modifier (<=>)	第3次データム 修飾子 (<=>)	PMI/GDT	tertiary_modifier_between[]	Boolean				X	X	X		X	X
75619	TERTIARY_CONDITIONAL_MODIFIER	Tertiary datum Material condition	第3次データム 実体条件	PMI/GDT	tertiary_conditional_modifier[]	Enum	X	X	X	X	X	X		X	X
75620	TERTIARY_COMPOUND_DATUM_LABEL	Tertiary compound datum reference	第3次共通データム	PMI/GDT	tertiary_compound_datum_label[]	String	X	X		X	X	X		X	X
75621	TERTIARY_COMPOUND_MODIFIER_F	Tertiary compound datum Free state modifier (F)	第3次共通データム 自由状態修飾子 (F)	PMI/GDT	tertiary_compound_modifier_f[]	Boolean		X		X	X	X		X	X
75622	TERTIARY_COMPOUND_MODIFIER_P	Tertiary compound datum Projected tolerance modifier (P)	第3次共通データム 突出公差修飾子 (P)	PMI/GDT	tertiary_compound_modifier_p[]	Boolean		X		X	X	X		X	X
75623	TERTIARY_COMPOUND_MODIFIER_T	Tertiary compound datum Tangent plane modifier	第3次共通データム 接平面修飾子 (T)	PMI/GDT	tertiary_compound_modifier_t[]	Boolean		X		X	X	X		X	X
75624	TERTIARY_COMPOUND_MODIFIER_ST	Tertiary compound datum Statistical tolerance modifier (ST)	第3次共通データム 統計的公差修飾子 (ST)	PMI/GDT	tertiary_compound_modifier_st[]	Boolean		X		X	X	X		X	X

75625	TERTIARY_COMPOUND_MODIFIER_BETWEEN	Tertiary compound datum Between modifier (<=>)	第3次共通データ 修飾子 (<=>)	PMI/GDT	tertiary_compound_modifier_between[]	Boolean				X	X	X		X	X
75626	TERTIARY_COMPOUND_CONDITIONAL_MODIFIER	Tertiary compound datum Material	第3次共通データ 実体条件	PMI/GDT	tertiary_compound_conditional_modifier[]	Enum	X	X		X	X	X		X	X
76426	INDICATOR_TYPE_1ST	Primary indicator type	インジケータタイプ (1番目)	PMI/GDT	indicator_type_1st[]	Enum				X					
76427	INDICATOR_SYMBOL_TYPE_1ST	Primary indicator symbol type	インジケータシンボル (1番目)	PMI/GDT	indicator_symbol_type_1st[]	Enum				X					
76428	INDICATOR_DATUM_LABEL_1ST	Primary indicator datum label	インジケータデータラベル (1番目)	PMI/GDT	indicator_datum_label_1st[]	String				X					
76429	INDICATOR_TYPE_2ND	Secondary indicator type	インジケータタイプ (2番目)	PMI/GDT	indicator_type_2nd[]	Enum				X					
76430	INDICATOR_SYMBOL_TYPE_2ND	Secondary indicator symbol type	インジケータシンボル (2番目)	PMI/GDT	indicator_symbol_type_2nd[]	Enum				X					
76431	INDICATOR_DATUM_LABEL_2ND	Secondary indicator datum label	インジケータデータラベル (2番目)	PMI/GDT	indicator_datum_label_2nd[]	String				X					
76432	INDICATOR_TYPE_3RD	Tertiary indicator type	インジケータタイプ (3番目)	PMI/GDT	indicator_type_3rd[]	Enum				X					
76433	INDICATOR_SYMBOL_TYPE_3RD	Tertiary indicator symbol type	インジケータシンボル (3番目)	PMI/GDT	indicator_symbol_type_3rd[]	Enum				X					
76434	INDICATOR_DATUM_LABEL_3RD	Tertiary indicator datum label	インジケータデータラベル (3番目)	PMI/GDT	indicator_datum_label_3rd[]	String				X					
75513	NUMBER_OF_LEADER	Number of leader line	引き出し線の数	PMI/GDT	number_of_leader	Integer	X	X		X	X	X		X	
75060	LEADER_ANCHOR_ALIGNMENT_TYPE	Stub direction of leader	引き出し線のスタブ方向	PMI/GDT	leader_anchor_alignment_type[]	Enum	X	X		X	X			X	



75061	LEADER_HEAD_TYPE	Leader head type	引き出し線の矢先タイプ	PMI/GDT	leader_head_type[]	Enum	X	X	X	X	X	X		X	
75546	LEADER_POINTS	Leader polyline	引き出し線のポリライン	PMI/GDT	leader_points[]	Array3DCoords	X	X	X	X	X	X		X	
75742	LEADER_HEAD_POSITION	Leader head position	引き出し線の先端座標	PMI/GDT	leader_head_position[]	Position	X	X	X	X	X			X	R
76435	LEADER_ZONE_TYPE	Leader zone type	引き出し線のゾーンタイプ	PMI/GDT	leader_zone_type[]	Enum		X	X	X	X	X		X	X

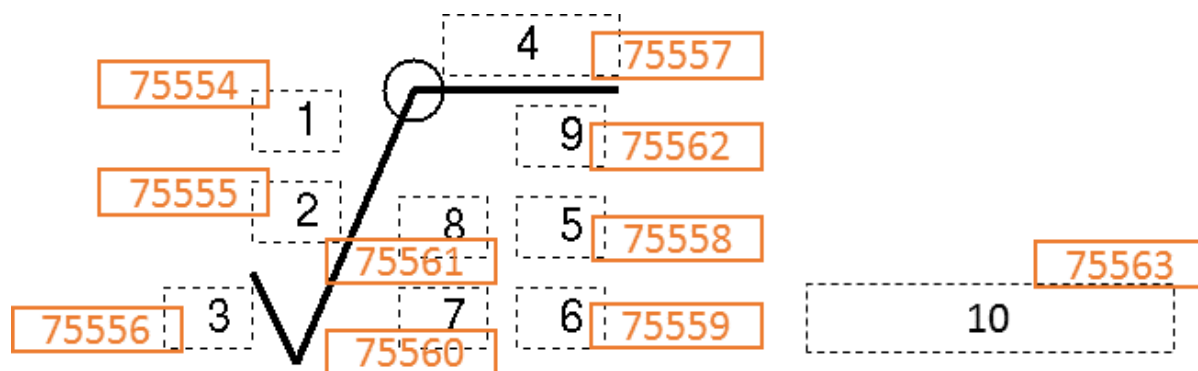


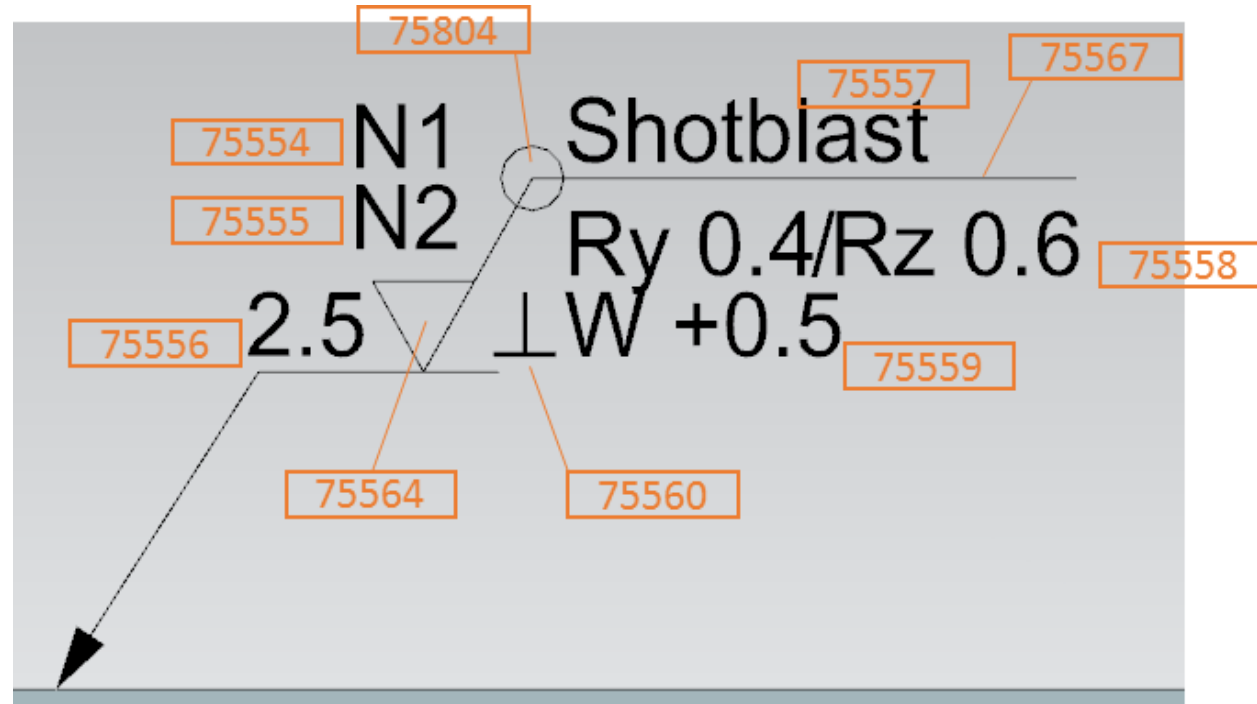
# PMI / Surface Finish

String table				Description in customize table			Supported CAD								
ID	Resource ID	English	Japanese	Element	Check item	Type of value	NX I-deas	Creo	SOLIDWORK	NX	CATIA V5	QIF	3D PDF	JT	STEP
75001	NAME	Name	名前	PMI/Roughnes	name	String	X	X	X	X	X		X	X	X
75014	COLOR	Color	色	PMI/Roughnes	color	Color255	X	X	X	X	X		X	X	X
76093	LEADER_COLOR	Leader color	引き出し線の色	PMI/Roughnes	leader_color[]	Color255				X				X	
75039	LAYER_NUMBER	Layer number	レイヤ番号	PMI/Roughnes	layer_number	Integer				X	X			X	
75043	VISIBLE	Visibility	表示/非表示	PMI/Roughnes	visible	Boolean	X	X	X	X	X		R		
75044	PICKABLE	Pickable flag	選択可能フラグ	PMI/Roughnes	pickable	Boolean				X	X				
75046	STANDARD_TYP	Standard type	規格	PMI/Roughnes	standard_type	Enum	X	X		X	X			X	
76246	PMI_POLYLINE	Polyline shape	ポリライン形状	PMI/Roughnes	polyline	PmiPolyline	X	X	X	X	X		X	X	X
75048	RELATED_ELEMENTS	Related elements	関連要素	PMI/Roughnes	related_elements	Relation	X	X	X	X	X			X	X
75022	POSITION	Position	位置	PMI/Roughnes	position	Position	X	X	X	X	X			X	R
76207	NORMAL_VECTOR_OF_REFERENCE_PLANE	Normal direction of reference plane	参照面の垂直方向	PMI/Roughnes	normal_vector_of_reference_plane	Vector	X	X	X	X	X			X	R
76208	TEXT_DIRECTION	Text direction	テキスト方向	PMI/Roughnes	text_direction	Vector	X	X	X	X	X			X	R
75024	BOUNDING_BOX	Bounding box	バウンディングボックス	PMI/Roughnes	bounding_box	Bounding Box	X	X	X	X	X		X	X	X
75047	ORIGIN_TYPE	Alignment of origin	基準点の配置	PMI/Roughnes	origin_type	Enum	X	X		X	X			X	
75040	LINE_THICKNESS_TYPE	Line thickness	線幅	PMI/Roughnes	line_thickness_type	Enum				X					X
75041	LINE_TYPE	Line type	線種	PMI/Roughnes	line_type	Enum	X			X					X

75045	STUB_LENGTH	Stub length	スタブの長さ	PMI/Roughnes	stub_length	Double								X	
75049	FONT_NAME	Font name	フォント名	PMI/Roughnes	font_name	String					X			X	
75050	FONT_SIZE	Font size	フォントサイズ	PMI/Roughnes	font_size	Double	X	X		X	X			X	
75051	ITALIC	Italic	斜体	PMI/Roughnes	italic	Boolean					X			X	
75052	BOLD	Bold	太字	PMI/Roughnes	bold	Boolean					X			X	
75054	TEXT_SLANT_ANGLE	Slant angle	傾斜角度	PMI/Roughnes	text_slant_angle	Double		X						X	
75055	ASPECT_RATIO	Aspect ratio	アスペクト比	PMI/Roughnes	aspect_ratio	Double	X			X				X	
75056	SPACING	Spacing	文字間隔	PMI/Roughnes	spacing	Double				X				X	
75554	ROUGHNESS_FIELD1	Field 1	フィールド1	PMI/Roughnes	field1	String	X			X	X			X	
75555	ROUGHNESS_FIELD2	Field 2	フィールド2	PMI/Roughnes	field2	String	X	X		X	X			X	
75556	ROUGHNESS_FIELD3	Field 3	フィールド3	PMI/Roughnes	field3	String	X			X	X			X	
75557	ROUGHNESS_FIELD4	Field 4	フィールド4	PMI/Roughnes	field4	String	X			X	X			X	
75558	ROUGHNESS_FIELD5	Field 5	フィールド5	PMI/Roughnes	field5	String	X			X	X			X	
75559	ROUGHNESS_FIELD6	Field 6	フィールド6	PMI/Roughnes	field6	String	X			X	X			X	
75560	ROUGHNESS_FIELD7	Field 7	フィールド7	PMI/Roughnes	field7	String	X			X	X			X	
75561	ROUGHNESS_FIELD8	Field 8	フィールド8	PMI/Roughnes	field8	String				X	X			X	
75562	ROUGHNESS_FIELD9	Field 9	フィールド9	PMI/Roughnes	field9	String				X	X			X	
75563	ROUGHNESS_FIELD10	Field 10	フィールド10	PMI/Roughnes	field10	String	X			X				X	
75564	ROUGHNESS_BASIC_SYMBOL	Basic symbol	基準となる記号	PMI/Roughnes	basic_symbol	Enum	X	X	X	X	X			X	
75565	TEXT_ORIENTATION	Text orientation	テキスト方向	PMI/Roughnes	text_orientation	Enum					X			X	

75804	ALL_AROUND	All around	全周記号	PMI/Roughnes	all_around	Boolean				X	X			X	
75567	BASELINE_VISIB LE	Baseline visible flag	ベースラインの表示	PMI/Roughnes s	baseline_visibl e	Boolean			X	X	X			X	
75568	LEADER_UNDER LINE	Leader underline	下線	PMI/Roughnes s	leader_underli ne	Enum	X				X			X	
75513	NUMBER_OF_LE ADER	Number of leader line	引き出し線の数	PMI/Roughnes s	number_of_le ader	Integer	X	X		X	X			X	
75060	LEADER_ANCHO R_ALIGNMENT_T YPE	Stub direction of leader	引き出し線のスタブ方 向	PMI/Roughnes s	leader_anchor _alignment_ty pe[]	Enum	X	X		X	X			X	
75061	LEADER_HEAD_T YPE	Leader head type	引き出し線の矢先タ イプ	PMI/Roughnes s	leader_head_t ype[]	Enum	X	X	X	X	X			X	
75546	LEADER_POINTS	Leader polyline	引き出し線のポリライ ン	PMI/Roughnes s	leader_points[ ]	Array3DC oords	X	X	X	X	X			X	
75742	LEADER_HEAD_P OSITION	Leader head position	引き出し線の先端座 標	PMI/Roughnes s	leader_head_ position[]	Position	X	X	X	X	X			X	R
76435	LEADER_ZONE_T YPE	Leader zone type	引き出し線のゾーンタ イプ	PMI/Roughnes s	leader_zone_t ype[]	Enum				X					





# PMI / Dimension

String table				Description in customize table			Supported CAD								
ID	Resource ID	English	Japanese	Element	Check item	Type of value	NX I-deas	Creo	SOLIDWORK	NX	CATIA V5	QIF	3D PDF	JT	STEP
75001	NAME	Name	名前	PMI/Dimensio	name	String	X	X	X	X	X	X	X	X	X
75014	COLOR	Color	色	PMI/Dimensio	color	Color255	X	X	X	X	X	X	X	X	X
75039	LAYER_NUMBER	Layer number	レイヤ番号	PMI/Dimensio	layer_numbe	Integer				X	X			X	
75043	VISIBLE	Visibility	表示/非表示	PMI/Dimensio	visible	Boolean	X	X	X	X	X		R		
75044	PICKABLE	Pickable flag	選択可能フラグ	PMI/Dimensio	pickable	Boolean				X	X				
75046	STANDARD_TYPE	Standard type	規格	PMI/Dimensio	standard_typ	Enum	X				X				
76246	PMI_POLYLINE	Polyline shape	ポリライン形状	PMI/Dimensio n	polyline	PmiPolylin e	X	X	X	X	X	X	X	X	X
75048	RELATED_ELEMENTS	Related elements	関連要素	PMI/Dimensio n	related_elem ents	Relation	X	X	X	X	X	X		X	X
75022	POSITION	Position	位置	PMI/Dimensio	position	Position	X	X	X	X	X	X		X	R
76207	NORMAL_VECTOR_OF_REFERENCE_PLANE	Normal direction of reference plane	参照面の垂直方向	PMI/Dimensio n	normal_vect or_of_refere nce_plane	Vector	X	X	X	X	X	X		X	R
76208	TEXT_DIRECTION	Text direction	テキスト方向	PMI/Dimensio	text_directio	Vector	X	X	X	X	X			X	R
75024	BOUNDING_BOX	Bounding box	バウンディングボックス	PMI/Dimensio n	bounding_bo x	Bounding Box	X	X	X	X	X	X	X	X	X
75047	ORIGIN_TYPE	Alignment of	基準点の配置	PMI/Dimensio	origin_type	Enum	X	X		X	X			X	
75040	LINE_THICKNESS_TYPE	Line thickness	線幅	PMI/Dimensio n	line_thicknes s_type	Enum				X					X
75041	LINE_TYPE	Line type	線種	PMI/Dimensio	line_type	Enum	X			X					X
75045	STUB_LENGTH	Stub length	スタブの長さ	PMI/Dimensio	stub_length	Double								X	
75049	FONT_NAME	Font name	フォント名	PMI/Dimensio	font_name	String					X			X	

75050	FONT_SIZE	Font size	フォントサイズ	PMI/Dimension	font_size	Double	X	X		X	X			X	
75051	ITALIC	Italic	斜体	PMI/Dimension	italic	Boolean					X			X	
75052	BOLD	Bold	太字	PMI/Dimension	bold	Boolean					X			X	
75054	TEXT_SLANT_ANGLE	Slant angle	傾斜角度	PMI/Dimension	text_slant_angle	Double		X						X	
75055	ASPECT_RATIO	Aspect ratio	アスペクト比	PMI/Dimension	aspect_ratio	Double	X			X	X			X	
75056	SPACING	Spacing	文字間隔	PMI/Dimension	spacing	Double				X	X			X	
75057	PITCH	Line pitch	行間隔	PMI/Dimension	pitch	Double				X				X	
75058	TEXT_ALIGNMENT_TYPE	Alignment of text	テキスト配置	PMI/Dimension	text_alignment_type	Enum				X				X	
76199	LEADING_ZERO	Leading zero display	先頭ゼロ表示	PMI/Dimension	leading_zero	Boolean									X
76200	TRAILING_ZERO	Trailing zeros display	末尾ゼロ表示	PMI/Dimension	trailing_zero	Boolean									X
75627	DIMENSION_TYPE	Dimension type	寸法タイプ	PMI/Dimension	dimension_type	Enum	X	X	X	X	X		m	X	R
75628	SECOND_VALUE_POSITION	Dual dimension position	二重寸法の位置	PMI/Dimension	second_value_position	Enum				X	X			X	
75629	SECOND_VALUE_BRACKETS	Dual dimension brackets form	二重寸法の括弧形状	PMI/Dimension	second_value_brackets	Enum				X					
75630	BASIC_DIMENSION	Basic dimension	理論的に正確な寸法	PMI/Dimension	basic_dimension	Boolean	X	X	X	X	X	X		X	X
75857	REFERENCE_DIMENSION	Reference dimension	参考寸法	PMI/Dimension	reference_dimension	Boolean	X	X	X	X				X	
75631	DUAL_VALUE_FRACTION	Dual dimension as fraction	二重寸法の分数表示	PMI/Dimension	dual_value_fraction	Boolean					X				
75633	CIRCLE_CENTER	Circle center	円弧の中心座標	PMI/Dimension	circle_center	Position					X			X	
75035	FRAME	Frame	枠	PMI/Dimension	frame	Enum	X	X		X	X			X	
75572	PREFIX	Prefix	接頭辞	PMI/Dimension	prefix	String				X					
75573	SUFFIX	Suffix	接尾辞	PMI/Dimension	suffix	String				X					
75032	UPPER_STRING	Upper string	上付き文字	PMI/Dimension	upper_string	String				X					
75033	LOWER_STRING	Lower string	下付き文字	PMI/Dimension	lower_string	String				X					





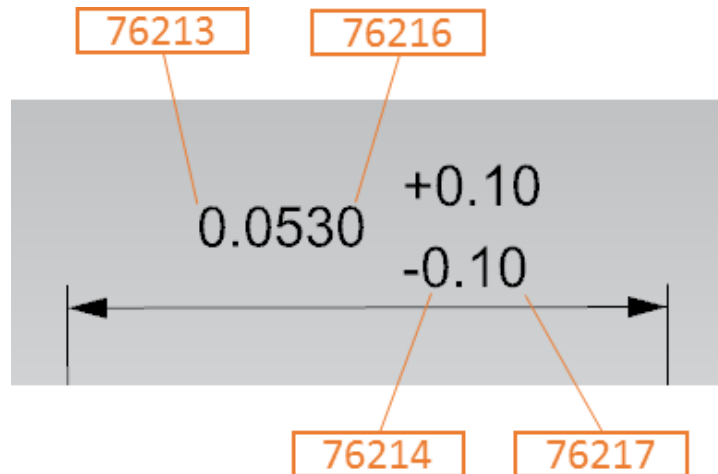
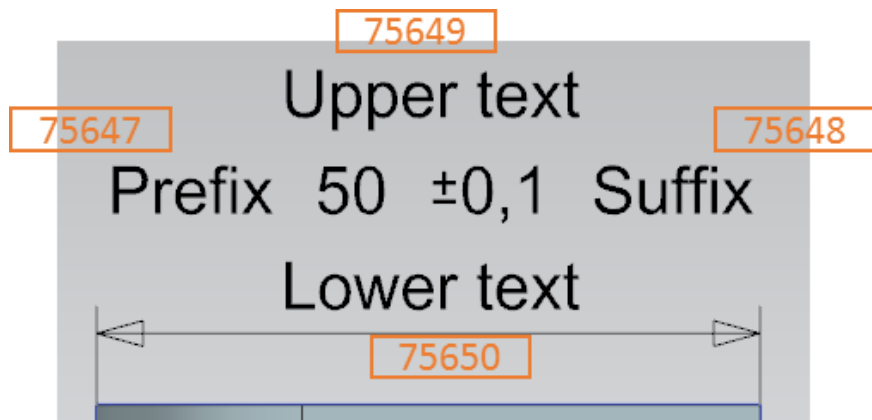
75657	MAIN_TOLERANCE_LOWER_AS_STRING	Lower deviation (string)	下の寸法許容差 (文字列)	PMI/Dimension	main_tolerance_lower_as_string	String	X	X		X	X					R
75658	MAIN_TOLERANCE_LOWER	Lower deviation	下の寸法許容差	PMI/Dimension	main_tolerance_lower	Double	X	X	X	X	X	X		X	X	
75659	MAIN_TOLERANCE_PLUS_MINUS_AS_STRING	Upper/lower deviation (string)	上下の寸法許容差 (文字列)	PMI/Dimension	main_tolerance_plus_minus_as_string	String	X			X	X					R
75660	MAIN_IMMEDIATE_UPPER_AS_STRING	Maximum limit of size (string)	最大許容寸法 (文字列)	PMI/Dimension	main_immediate_upper_as_string	String	X	X		X	X					R
75661	MAIN_IMMEDIATE_UPPER	Maximum limit of size	最大許容寸法	PMI/Dimension	main_immediate_upper	Double	X	X	X	X	X	X		X	X	
75662	MAIN_IMMEDIATE_LOWER_AS_STRING	Minimum limit of size (string)	最小許容寸法 (文字列)	PMI/Dimension	main_immediate_lower_as_string	String	X	X		X	X					R
75663	MAIN_IMMEDIATE_LOWER	Minimum limit of size	最小許容寸法	PMI/Dimension	main_immediate_lower	Double	X	X	X	X	X	X		X	X	
75664	MAIN_SHAFT_FIT_TOLERANCE_CLASS_AS_STRING	Fit tolerance of shaft	軸のはめあい公差	PMI/Dimension	main_shaft_fit_tolerance_class_as_string	String				X	X					
75665	MAIN_HOLE_FIT_TOLERANCE_CLASS_AS_STRING	Fit tolerance of hole	穴のはめあい公差	PMI/Dimension	main_hole_fit_tolerance_class_as_string	String				X	X			X		
75666	MAIN_TOLERANCE_REPRESENTATION	Tolerance representation	公差の表現形式	PMI/Dimension	main_tolerance_rep	Enum	X	X	X	X	X	X		X		
75667	MAIN_DECIMAL	Decimal	小数点桁数	PMI/Dimension	main_decimal	Integer	X	X	X	X	X	X		X	R	
75668	MAIN_TOLERANCE_DECIMAL	Decimal of tolerance	公差の小数点桁数	PMI/Dimension	main_tolerance_decimal	Integer	X	X	X	X	X	X		X	R	
75669	MAIN_UNIT	Displayed unit	単位の表示	PMI/Dimension	main_unit	Enum	X		X	X		X		X		
75670	MAIN_FORMAT_TYPE	Format type of dimension value	寸法数値の表現形式	PMI/Dimension	main_format_type	Enum	X				X			X		

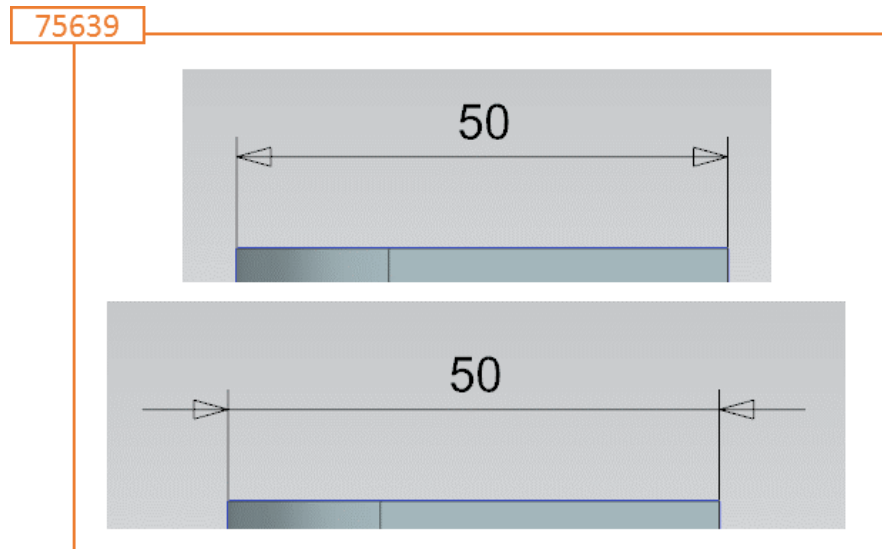
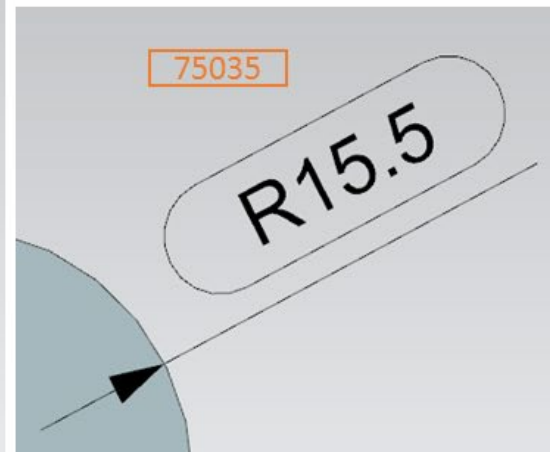
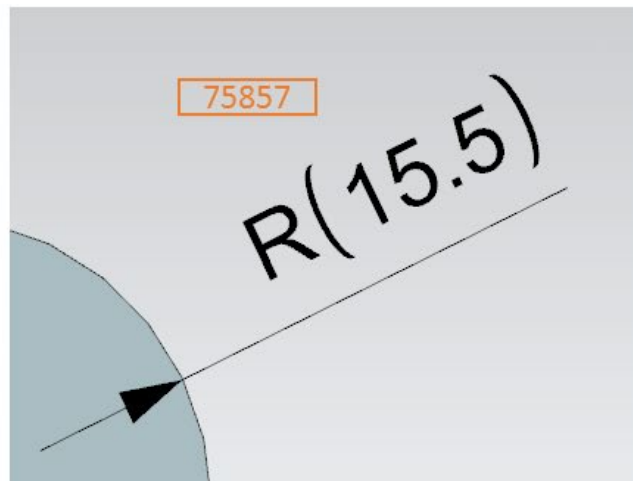
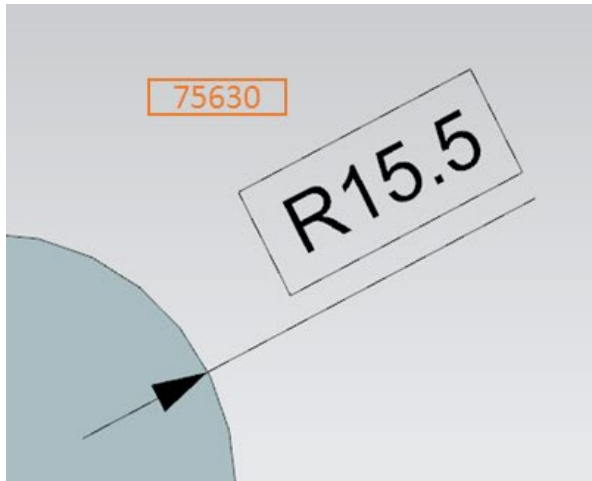
75671	MAIN_FRAME	Frame of dimension value	寸法数値の枠	PMI/Dimension	main_frame	Enum					X				
75672	MAIN_FRAME_INCLUSION_FLAG	Frame inclusion flag of dimension value	寸法数値の枠の包括	PMI/Dimension	main_frame_inclusion_flag	Enum					X				
75673	MAIN_UNIT_SYSTEM	Unit system of dimension value	寸法数値の単位系	PMI/Dimension	main_unit_system	Enum	X		X	X	X	X		X	
76213	MAIN_VALUE_LEADING_ZERO	Leading zero display of dimension value	寸法数値の先頭ゼロ表示	PMI/Dimension	main_value_leading_zero	Boolean					X			X	
76216	MAIN_VALUE_TRAILING_ZERO	Trailing zeros display of dimension value	寸法数値の末尾ゼロ表示	PMI/Dimension	main_value_trailing_zero	Boolean					X			X	
76214	MAIN_TOLERANCE_LEADING_ZERO	Leading zero display of tolerance	寸法公差の先頭ゼロ表示	PMI/Dimension	main_tolerance_leading_zero	Boolean								X	
76217	MAIN_TOLERANCE_TRAILING_ZERO	Trailing zeros display of tolerance	寸法公差の末尾ゼロ表示	PMI/Dimension	main_tolerance_trailing_zero	Boolean					X			X	
75674	DUAL_PREFIX	Prefix of dual dimension value	二重寸法数値の接頭辞	PMI/Dimension	dual_prefix	String					X			X	
75675	DUAL_SUFFIX	Suffix of dual dimension value	二重寸法数値の接尾辞	PMI/Dimension	dual_suffix	String					X			X	
75676	DUAL_UPPER_STRING	Upper string of dual dimension value	二重寸法数値の上付き文字	PMI/Dimension	dual_upper_string	String					X			X	
75677	DUAL_LOWER_STRING	Lower string of dual dimension value	二重寸法数値の下付き文字	PMI/Dimension	dual_lower_string	String					X			X	
75679	DUAL_SYMBOL_TYPE	Dual dimension value symbol	二重寸法数値のシンボル	PMI/Dimension	dual_symbol_type	Enum				X	X				
75680	DUAL_VALUE_AS_STRING	Dual dimension value (string)	二重寸法数値 (文字列)	PMI/Dimension	dual_value_as_string	String				X	X			X	

75681	DUAL_VALUE	Dual dimension value	二重寸法数値	PMI/Dimension	dual_value	Double				X	X			X	
75682	DUAL_TOLERANCE_UPPER_AS_STRING	Upper deviation of dual dimension (string)	上の寸法許容差 (二重寸法) (文字列)	PMI/Dimension	dual_tolerance_upper_as_string	String				X	X				
75683	DUAL_TOLERANCE_UPPER	Upper deviation of dual dimension	上の寸法許容差 (二重寸法)	PMI/Dimension	dual_tolerance_upper	Double				X	X			X	
75684	DUAL_TOLERANCE_LOWER_AS_STRING	Lower deviation of dual dimension (string)	下の寸法許容差 (二重寸法) (文字列)	PMI/Dimension	dual_tolerance_lower_as_string	String				X	X				
75685	DUAL_TOLERANCE_LOWER	Lower deviation of dual dimension	下の寸法許容差 (二重寸法)	PMI/Dimension	dual_tolerance_lower	Double				X	X			X	
75686	DUAL_TOLERANCE_PLUS_MINUS_AS_STRING	Upper/lower deviation of dual dimension (string)	上下の寸法許容差 (二重寸法) (文字列)	PMI/Dimension	dual_tolerance_plus_minus_as_string	String				X	X				
75687	DUAL_IMMEDIATE_UPPER_AS_STRING	Maximum limit of size of dual dimension (string)	最大許容寸法 (二重寸法) (文字列)	PMI/Dimension	dual_immediate_upper_as_string	String				X	X				
75688	DUAL_IMMEDIATE_UPPER	Maximum limit of size of dual dimension	最大許容寸法 (二重寸法)	PMI/Dimension	dual_immediate_upper	Double				X	X			X	
75689	DUAL_IMMEDIATE_LOWER_AS_STRING	Minimum limit of size of dual dimension (string)	最小許容寸法 (二重寸法) (文字列)	PMI/Dimension	dual_immediate_lower_as_string	String				X	X				
75690	DUAL_IMMEDIATE_LOWER	Minimum limit of size of dual dimension	最小許容寸法 (二重寸法)	PMI/Dimension	dual_immediate_lower	Double				X	X			X	
75691	DUAL_SHAFT_FIT_TOLERANCE_CLASS_AS_STRING	Fit tolerance of shaft of dual dimension	軸のはめあい公差 (二重寸法)	PMI/Dimension	dual_shaft_fit_tolerance_class_as_string	String				X	X				
75692	DUAL_HOLE_FIT_TOLERANCE_CLASS_AS_STRING	Fit tolerance of hole of dual dimension	穴のはめあい公差 (二重寸法)	PMI/Dimension	dual_hole_fit_tolerance_class_as_string	String				X	X				

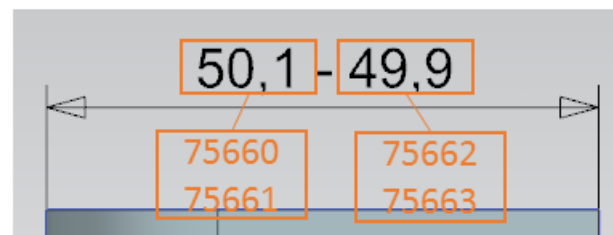
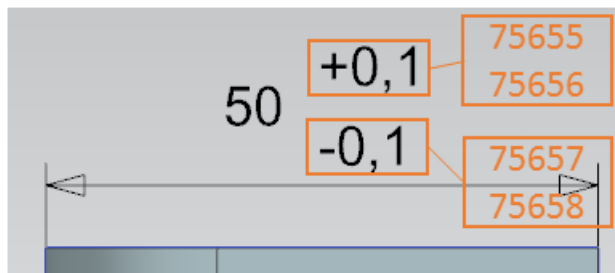
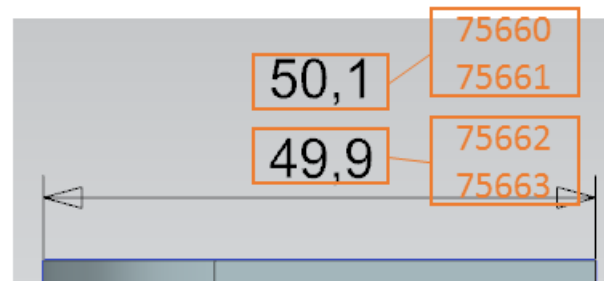
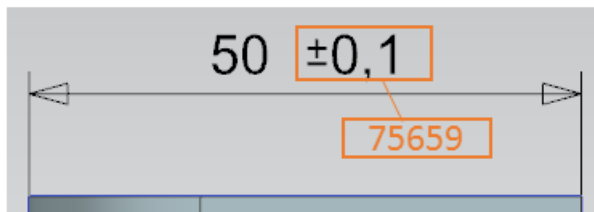


76218	DUAL_TOLERANCE_TRAILING_ZERO	Trailing zeros display of dual dimension tolerance	二重寸法の寸法公差の末尾ゼロ表示	PMI/Dimension	dual_tolerance_trailing_zero	Boolean					X			X	
75701	WITNESS_LEFT_BLANKING	Projection line blanking (1)	寸法補助線の隙間(1)	PMI/Dimension	witness_left_blanking	Double					X			X	
75706	WITNESS_LEFT_POINTS	Projection line polyline (1)	寸法補助線のポリライン (1)	PMI/Dimension	witness_left_points	Array3DCoords	X	X	X	X	X			X	
75709	WITNESS_RIGHT_BLANKING	Projection line blanking (2)	寸法補助線の隙間(2)	PMI/Dimension	witness_right_blanking	Double					X			X	
75575	WITNESS_RIGHT_POINTS	Projection line polyline (2)	寸法補助線のポリライン (2)	PMI/Dimension	witness_right_points	Array3DCoords	X	X	X	X	X			X	
75812	WITNESS_HEAD_POSITION	Projection line head positions	寸法補助線の先端座標	PMI/Dimension	witness_head_position	Array3DCoords	X	X	X	X	X	X		X	

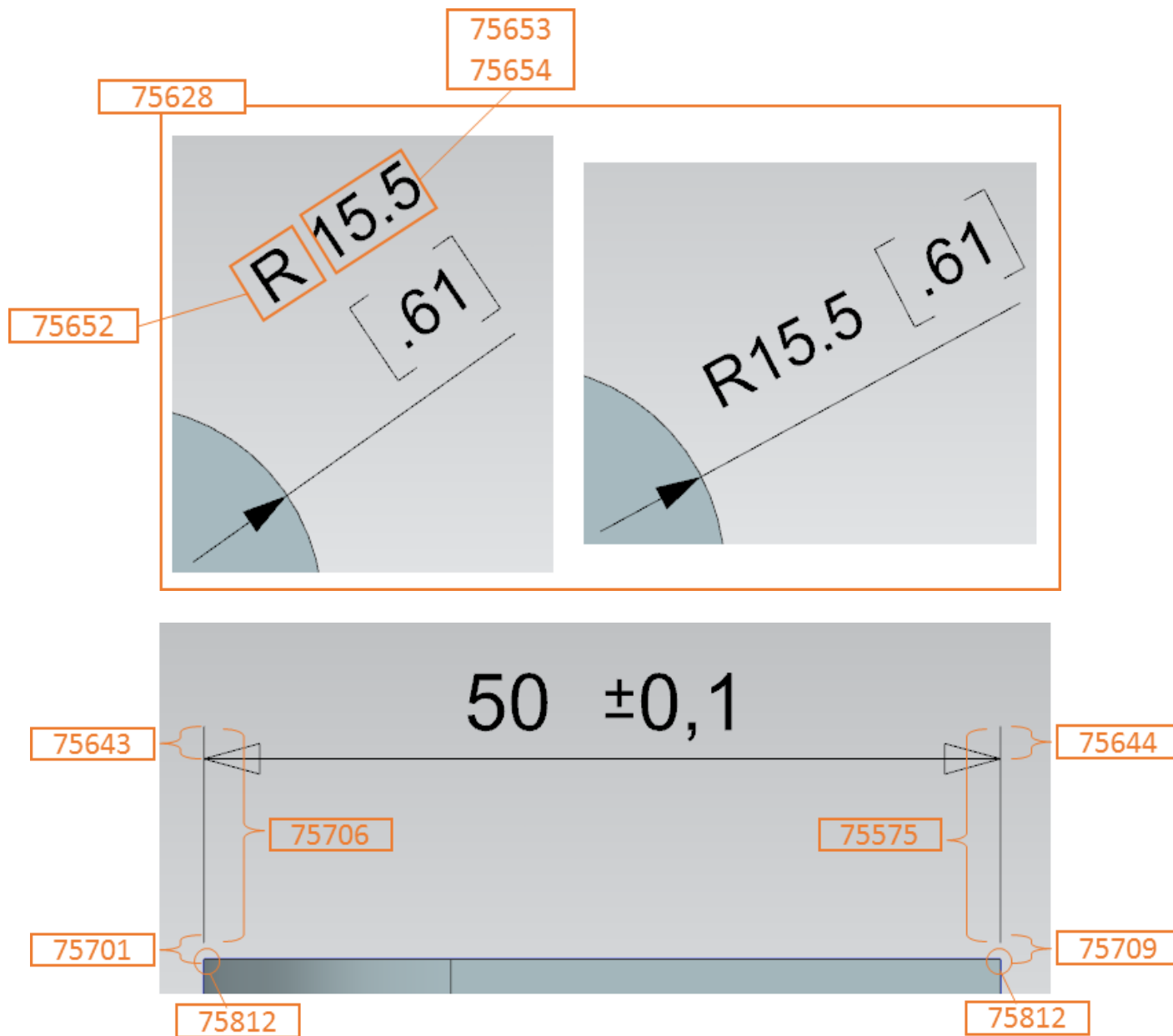


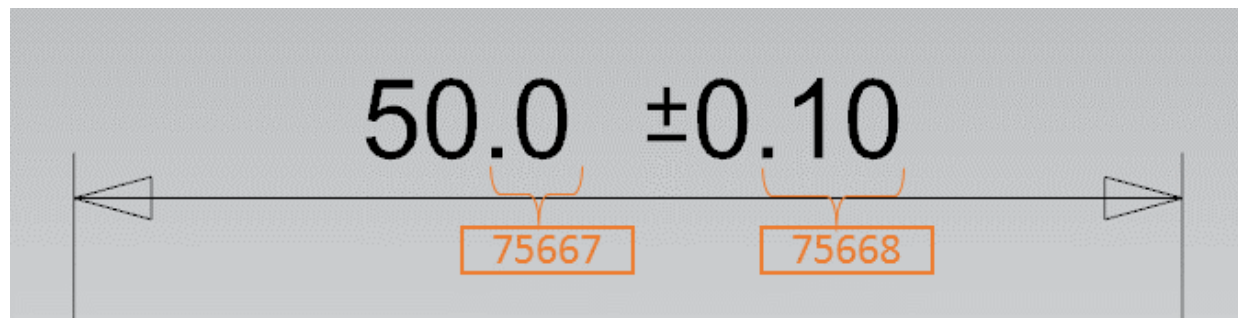


75666

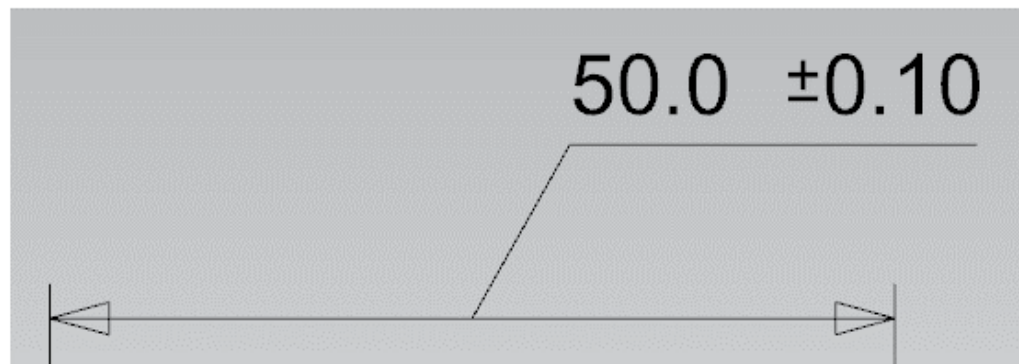
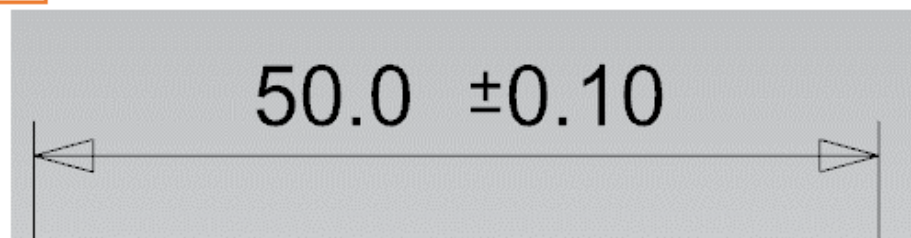








75640





75049	FONT_NAME	Font name	フォント名	PMI/LineWel	font_name	String					X			X	
75050	FONT_SIZE	Font size	フォントサイズ	PMI/LineWel	font_size	Double	X			X	X			X	
75051	ITALIC	Italic	斜体	PMI/LineWel	italic	Boolean					X			X	
75052	BOLD	Bold	太字	PMI/LineWel	bold	Boolean					X			X	
75054	TEXT_SLANT_ANGLE	Slant angle	傾斜角度	PMI/LineWel	text_slant_angle	Double								X	
75055	ASPECT_RATIO	Aspect ratio	アスペクト比	PMI/LineWel	aspect_ratio	Double	X			X	X			X	
75056	SPACING	Spacing	文字間隔	PMI/LineWel	spacing	Double				X	X			X	
75057	PITCH	Line pitch	行間隔	PMI/LineWel	pitch	Double				X	X			X	
75058	TEXT_ALIGNMENT_TYPE	Alignment of text	テキスト配置	PMI/LineWel	text_alignment_type	Enum				X				X	
75816	IDENTIFICATION_LINE	Identification line	認識線	PMI/LineWel	identification_line	Enum	X			X	X			X	
75817	FIELD_FLAG	Field symbol	現場記号	PMI/LineWel	field_flag	Boolean	X		X	X	X			X	
75804	ALL_AROUND	All around	全周記号	PMI/LineWel	all_around	Boolean	X		X	X	X			X	
75818	TEST_METHOD	Test method	試験方法	PMI/LineWel	test_method	Enum					X				
75819	SPECIAL_DIRECTIVE	Special directive	特別指示事項	PMI/LineWel	special_directive	String	X			X	X			X	
75815	COORDINATE_ENTITIES	Coordinate entities	座標配置されたエンティティ	PMI/LineWel	coordinate_entities	String	X				X			X	
75840	REFERENCE_FLAG	Reference flag	参照記号	PMI/LineWel	reference_flag	Boolean	X			X	X			X	
75841	STAGGERED_FLAG	Staggered flag	溶接のピッチ記号	PMI/LineWel	staggered_flag	Boolean	X			X					
75820	UPPER_ELEMENT_WELD_SIZE	Weld size (Other side)	溶接部の断面寸法、強さ (反対側)	PMI/LineWel	upper_element_weld_size	String	X			X	X			X	
75821	UPPER_ELEMENT_LONGITUDINAL_SIZE	Longitudinal size (Other side)	溶接の長さ (反対側)	PMI/LineWel	upper_element_longitudinal_size	String	X			X	X			X	
75822	UPPER_ELEMENT_STAGGERED_SIZE	Staggered size (Other side)	溶接のピッチ (反対側)	PMI/LineWel	upper_element_staggered_size	String	X				X			X	
75823	UPPER_ELEMENT_TOTAL_SIZE	Total size (Other side)	溶接の数 (反対側)	PMI/LineWel	upper_element_total_size	String					X				
75824	UPPER_ELEMENT_WELD_TYPE	Weld type (Other side)	溶接記号 (反対側)	PMI/LineWel	upper_element_weld_type	Enum	X			X	X			X	

75825	UPPER_ELEM_SURFACE_FINISH	Weld surface finish (Other side)	溶接部の仕上げ方法 (反対側)	PMI/LineWeld	upper_elem_surface_finish	Enum				X	X			X	
75826	UPPER_ELEM_SURFACE_CONDITION	Weld surface condition (Other side)	溶接部の表面形状 (反対側)	PMI/LineWeld	upper_elem_surface_condition	Enum	X			X	X			X	
75827	UPPER_ELEM_ROOT_RADIUS	Root radius (Other side)	ルート半径 (反対側)	PMI/LineWeld	upper_elem_root_radius	Double					X				
75828	UPPER_ELEM_ROOT_SPACING	Root spacing (Other side)	ルート間隔 (反対側)	PMI/LineWeld	upper_elem_root_spacing	Double				X	X			X	
75829	UPPER_ELEM_GROOVE_ANGLE	Groove angle (Other side)	開先角度 (反対側)	PMI/LineWeld	upper_elem_groove_angle	Double				X	X			X	
75830	LOWER_ELEM_WELD_SIZE	Weld size (Same side)	溶接部の断面寸法、強さ (手前側)	PMI/LineWeld	lower_elem_weld_size	String	X			X	X			X	
75831	LOWER_ELEM_LONGITUDINAL_SIZE	Longitudinal size (Same side)	溶接の長さ (手前側)	PMI/LineWeld	lower_elem_longitudinal_size	String	X			X	X			X	
75832	LOWER_ELEM_STAGGERED_SIZE	Staggered size (Same side)	溶接のピッチ (手前側)	PMI/LineWeld	lower_elem_staggered_size	String	X				X			X	
75833	LOWER_ELEM_TOTAL_SIZE	Total size (Same side)	溶接の数 (手前側)	PMI/LineWeld	lower_elem_total_size	String					X				
75834	LOWER_ELEM_WELD_TYPE	Weld type (Same side)	溶接記号 (手前側)	PMI/LineWeld	lower_elem_weld_type	Enum	X			X	X			X	
75835	LOWER_ELEM_SURFACE_FINISH	Weld surface finish (Same side)	溶接部の仕上げ方法 (手前側)	PMI/LineWeld	lower_elem_surface_finish	Enum				X	X			X	
75836	LOWER_ELEM_SURFACE_CONDITION	Weld surface condition (Same side)	溶接部の表面形状 (手前側)	PMI/LineWeld	lower_elem_surface_condition	Enum	X			X	X			X	
75837	LOWER_ELEM_ROOT_RADIUS	Root radius (Same side)	ルート半径 (手前側)	PMI/LineWeld	lower_elem_root_radius	Double					X				
75838	LOWER_ELEM_ROOT_SPACING	Root spacing (Same side)	ルート間隔 (手前側)	PMI/LineWeld	lower_elem_root_spacing	Double				X	X			X	
75839	LOWER_ELEM_GROOVE_ANGLE	Groove angle (Same side)	開先角度 (手前側)	PMI/LineWeld	lower_elem_groove_angle	Double				X	X			X	

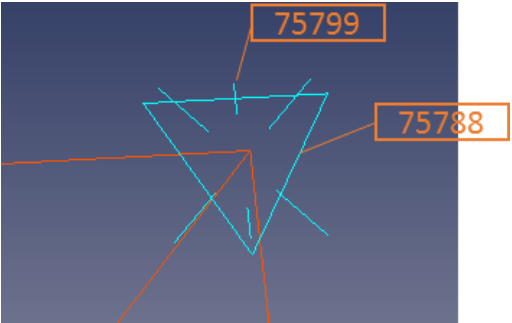




75041	LINE_TYPE	Line type	線種	PMI/SpotWeld	line_type	Enum	X										
75801	SPOTWELD_TYPE	Process Category	プロセスカテゴリ	PMI/SpotWeld	spotweld_type	String					X						
75799	SPOTWELD_SUB_TYPE	Weld symbol	溶接記号	PMI/SpotWeld	spotweld_sub_type	Enum	X				X				X		
75788	SPOTWELD_CRITICAL	Critical	重大	PMI/SpotWeld	spotweld_critical	Enum	X				X				X		
75797	SPOTWELD_PROCESS	Process	処理	PMI/SpotWeld	spotweld_process	String	X				X				X		
75793	SPOTWELD_JOINT_ID	Joint ID	ジョイントID	PMI/SpotWeld	spotweld_joint_id	String	X				X				X		
75791	SPOTWELD_GROUP_ID	Group ID	溶接グループID	PMI/SpotWeld	spotweld_group_id	String	X								X		
75789	SPOTWELD_DIAMETER	Diameter	直径	PMI/SpotWeld	spotweld_diameter	Double	X				X				X		
75815	COORDINATE_ENTITIES	Coordinate entities	座標配置されたエンティティ	PMI/SpotWeld	coordinate_entities	String	X				X				X		
75796	SPOTWELD_NORMAL_VEC	Normal vector	法線方向	PMI/SpotWeld	spotweld_normal_vec	Vector	X				X				X		
75785	SPOTWELD_APPROACH_VEC	Approach vector	アプローチ方向	PMI/SpotWeld	spotweld_approach_vec	Vector	X								X		
75786	SPOTWELD_CLAMPING_VEC	Clamping vector	型締め方向	PMI/SpotWeld	spotweld_clamping_vec	Vector	X								X		
75794	SPOTWELD_LIFE_CYCLE_STANDARD	Standard	標準	PMI/SpotWeld	spotweld_life_cycle_standard	String					X						
75798	SPOTWELD_SHAPE_TYPE	Shape definition	シェイプ定義	PMI/SpotWeld	spotweld_shape_type	Enum					X						
75790	SPOTWELD_GEOMETRY_FLAG	Geometry flag	形状フラグ	PMI/SpotWeld	spotweld_geometry_flag	Boolean					X						
75792	SPOTWELD_INSPECTION_FLAG	Inspection flag	検査フラグ	PMI/SpotWeld	spotweld_inspection_flag	Boolean					X						



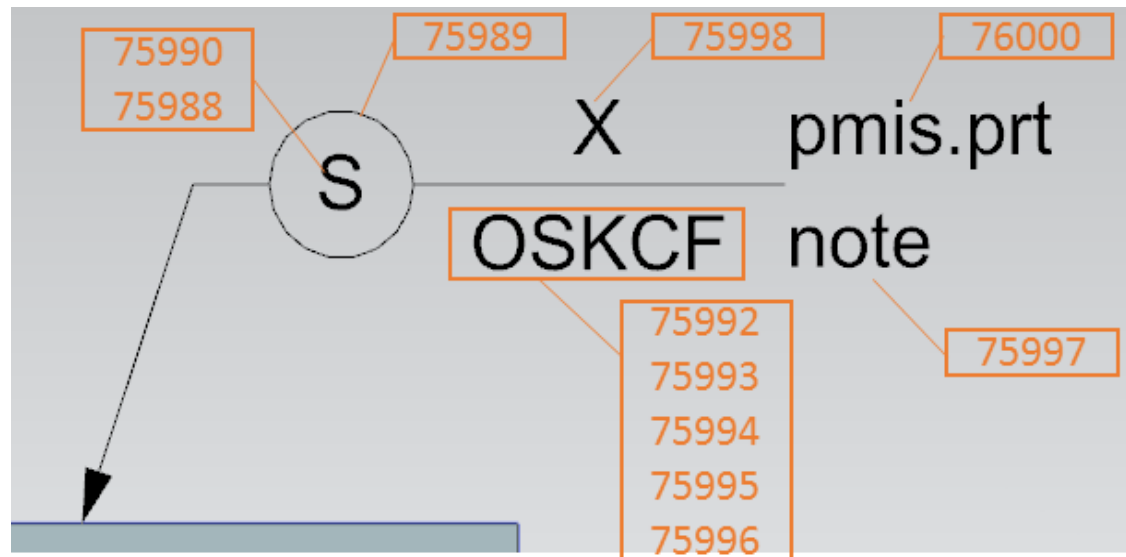
75795	SPOTWELD_MANUFACTURING_CODE	Manufacturing code	製造コード	PMI/SpotWeld	spotweld_manufacturing code	String					X				
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75049	FONT_NAME	Font name	フォント名	PMI/Locator	font_name	String								X
75050	FONT_SIZE	Font size	フォントサイズ	PMI/Locator	font_size	Double	X			X				X
75051	ITALIC	Italic	斜体	PMI/Locator	italic	Boolean								X
75052	BOLD	Bold	太字	PMI/Locator	bold	Boolean								X
75054	TEXT_SLANT_ANGLE	Slant angle	傾斜角度	PMI/Locator	text_slant_angle	Double								X
75055	ASPECT_RATIO	Aspect ratio	アスペクト比	PMI/Locator	aspect_ratio	Double	X			X				X
75056	SPACING	Spacing	文字間隔	PMI/Locator	spacing	Double				X				X
75988	LOCATOR_TYPE	Locator type	タイプ	PMI/Locator	locator_type	String	X							X
75989	LOCATOR_SUBTYPE	Locator subtype	サブタイプ	PMI/Locator	locator_sub_type	Enum	X							X
75990	LOCATOR_SYMBOL_TYPE	Locator legend	ロケータの凡例	PMI/Locator	locator_symbol_type	Enum	X							X
75992	LOCATOR_O	Functional subscripts: O	関数サブスクリプト: O	PMI/Locator	locator_o	Boolean	X							X
75993	LOCATOR_S	Functional subscripts: S	関数サブスクリプト: S	PMI/Locator	locator_s	Boolean	X							X
75994	LOCATOR_K	Functional subscripts: K	関数サブスクリプト: K	PMI/Locator	locator_k	Boolean	X							X
75995	LOCATOR_C	Functional subscripts: C	関数サブスクリプト: C	PMI/Locator	locator_c	Boolean	X							X
75996	LOCATOR_F	Functional subscripts: F	関数サブスクリプト: F	PMI/Locator	locator_f	Boolean	X							X
76000	LOCATOR_PART_NUMBER	Part number	パート番号	PMI/Locator	locator_part_number	String	X							X
75997	LOCATOR_NOTE	Note	注記	PMI/Locator	locator_note	String	X							X
76001	LOCATOR_HOT_SPOT	Hot spot	ホットスポット	PMI/Locator	locator_hot_spot	Position	X							X
75998	LOCATOR_REFERENCE	Coordinate plane	座標平面	PMI/Locator	locator_reference	String	X							X
76002	LOCATOR_COORD_ENTITY	Coordinated entities	座標配置されたエンティティ	PMI/Locator	locator_coord_entity	String	X							X

75999	LOCATOR_DECIMAL	Decimal	小数点桁数	PMI/Locator	locator_decimal	Integer	X								X	
75513	NUMBER_OF_LEADER	Number of leader line	引き出し線の数	PMI/Locator	number_of_leader	Integer	X			X					X	
75060	LEADER_ANCHOR_ALIGNMENT_TYPE	Stub direction of leader	引き出し線のスタブ方向	PMI/Locator	leader_anchor_alignment_type[]	Enum	X			X					X	
75061	LEADER_HEAD_TYPE	Leader head type	引き出し線の矢先タイプ	PMI/Locator	leader_head_type[]	Enum	X			X					X	
75546	LEADER_POINTS	Leader polyline	引き出し線のポリライン	PMI/Locator	leader_points[]	Array3DCoords	X			X					X	
75742	LEADER_HEAD_POSITION	Leader head position	引き出し線の先端座標	PMI/Locator	leader_head_position[]	Position	X			X					X	



# PMI / Symbol

String table				Description in customize table			Supported CAD								
ID	Resource ID	English	Japanese	Element	Check item	Type of value	NX I-deas	Creo	SOLIDWORK	NX	CATIA V5	QIF	3D PDF	JT	STEP
75001	NAME	Name	名前	PMI/FreeSymb	name	String		X		X	X		X	X	X
75042	NATIVE_TYPE_NAME	Sub type	サブタイプ	PMI/FreeSymb ol	native_type _name	String				X				X	
75014	COLOR	Color	色	PMI/FreeSymb	color	Color255		X		X	X		X	X	X
75039	LAYER_NUMBER	Layer number	レイヤ番号	PMI/FreeSymb ol	layer_number	Integer					X			X	
75043	VISIBLE	Visibility	表示/非表示	PMI/FreeSymb	visible	Boolean		X		X	X		R		
75044	PICKABLE	Pickable flag	選択可能フラグ	PMI/FreeSymb	pickable	Boolean					X				
76246	PMI_POLYLINE	Polyline shape	ポリライン形状	PMI/FreeSymb ol	polyline	PmiPolyline		X		X	X		X	X	X
75048	RELATED_ELEMENTS	Related elements	関連要素	PMI/FreeSymb ol	related_elements	Relation		X		X	X			X	X
75022	POSITION	Position	位置	PMI/FreeSymb	position	Position		X		X	R			X	R
76207	NORMAL_VECTOR_OF_REFERENCE_PLANE	Normal direction of reference plane	参照面の垂直方向	PMI/FreeSymb ol	normal_vector_of_reference_plane	Vector		X		X	X			X	R
76208	TEXT_DIRECTION	Text direction	テキスト方向	PMI/FreeSymb ol	text_direction	Vector		X		X	R			X	R
75024	BOUNDING_BOX	Bounding box	バウンディングボックス	PMI/FreeSymb ol	bounding_box	Bounding Box		X		X	X		X	X	X
75047	ORIGIN_TYPE	Alignment of	基準点の配置	PMI/FreeSymb	origin_type	Enum		X						X	
75040	LINE_THICKNESS_TYPE	Line thickness	線幅	PMI/FreeSymb ol	line_thickness_type	Enum		X							

75041	LINE_TYPE	Line type	線種	PMI/FreeSymb	line_type	Enum		X							
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# PMI / Mock PMI

String table				Description in customize table			Supported CAD								
ID	Resource ID	English	Japanese	Element	Check item	Type of value	NX I-deas	Creo	SOLIDWORK	NX	CATIA V5	QIF	3D PDF	JT	STEP
75001	NAME	Name	名前	PMI/Mock	name	String		X					X		
75039	LAYER_NUMBER	Layer number	レイヤ番号	PMI/Mock	layer_number	Integer									
75048	RELATED_ELEMENT_S	Related elements	関連要素	PMI/Mock	related_elements	Relation		X							
76047	USER_ATTR_KEY	User attribute key	ユーザ属性キー	PMI/Mock	user_attr_key[]	String		X							
76048	USER_ATTR_TYPE	User attribute type	ユーザ属性タイプ	PMI/Mock	user_attr_type[]	Enum		X							
76049	USER_ATTR_VALUE	User attribute value	ユーザ属性値	PMI/Mock	user_attr_value[]	UserAttrValue		X							

This type of PMI corresponds to Non-Graphical in Creo.





75047	ORIGIN_TYPE	Alignment of origin	基準点の配置	PMI/NotSupported	origin_type	Enum	X	X	X	X	X	X		X	X
75040	LINE_THICKNESS_TYPE	Line thickness	線幅	PMI/NotSupported	line_thickness_type	Enum	X	X	X	X	X	X		X	X
75041	LINE_TYPE	Line type	線種	PMI/NotSupported	line_type	Enum	X	X	X	X	X	X		X	X
76051	NOT_SUPPORTED_DESCRIPTION	Description	説明	PMI/NotSupported	description	String	R	R	R	R	R	R		R	R

A PMI which is not assigned to any previous types is assigned to this PMI type.

# PMI / Model View

String table				Description in customize table			Supported CAD								
ID	Resource ID	English	Japanese	Element	Check item	Type of value	NX I-deas	Creo	SOLIDWORK	NX	CATIA V5	QIF	3D PDF	JT	STEP
75001	NAME	Name	名前	PMI/Camera	name	String	X	X	X	X	X		X	X	X
75762	CAMERA_TYPE	Projection type	投影図法	PMI/Camera	camera_type	Enum	X	X	X	X	X		X	X	
75760	CAMERA_CATEGORY	Category	カテゴリ	PMI/Camera	camera_category	String	m	m	m	m	X		R	m	R
75761	CAMERA_ACTIVE	Active view	アクティブ	PMI/Camera	view_active	Boolean	X	X		X	X		X	X	
75764	CAMERA_POSITION	Eye position	視点	PMI/Camera	view_position	Position	X	R			X		X	X	X
75746	CAMERA_TARGET	Target point	注視点	PMI/Camera	view_target	Position	X	X		X	X		X	X	X
75763	VIEW_MATRIX	View matrix	ビュー行列	PMI/Camera	view_matrix	Matrix3	X	X	X	X	X		X	X	X
75747	CAMERA_VIEW_FIELD	Angle of view	視野角	PMI/Camera	view_field	Double					X		R		R
75748	CAMERA_ZOOM_HORIZONTAL	Horizontal distance of screen	画面の水平長さ	PMI/Camera	zoom_horizontal	Double	X	X		X	X		X	X	R
75749	CAMERA_ZOOM_VERTICAL	Vertical distance of screen	画面の垂直長さ	PMI/Camera	zoom_vertical	Double	X			X	X		X	X	R
75759	CLIPPING_PLANE	Clipping plane	断面	PMI/Camera	clipping_planes	ArrayObject		X	X	X	X		X	X	X
76436	SECTION_TYPE	Clipping plane type	断面タイプ	PMI/Camera	section_type	Enum		X	X	X			X	X	
76437	HATCHING_PATTERN_NAMES	Hatching pattern name	ハッチングパターン名	PMI/Camera	hatching_pattern_names	ArrayString				X				X	
76438	SECTION_CAP_EXISTENCE	Cap of clipping plane	断面の蓋表示	PMI/Camera	section_cap_existence	Boolean				X				X	
76439	SECTION_CAP_COLOR	Color of cap of clipping plane	断面の蓋の色	PMI/Camera	section_cap_color	Color255				X				X	

76441	SECTION_CURVE_EXISTENCE	Section curve of clipping plane	断面の外形線	PMI/Camera	section_curve_existence	Boolean				X					
76442	SECTION_CURVE_COLOR	Color of section curve of clipping plane	断面の外形線の色	PMI/Camera	section_curve_color	Color255				X					
75752	VISIBILITY_SPECIFIED_PMI_VISIBLE	Visible PMI	表示PMI	PMI/Camera	visibility_specified_pmi_visible	Relation	X	X	X	X	X		X	X	X

