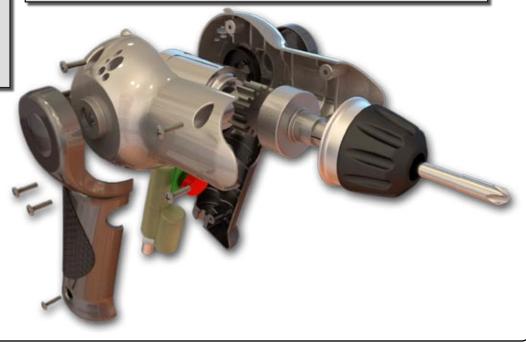


# Table of Contents:

64-Bit Windows 64 Desktop Composition Compatible	<b>—— 3</b>
Dynamic —	4-9
3D DynaHandle	2
Dynamic Modify Face	5
Dynamic Modify Face Examples	5-7
Dynamic Linear Array	8
Dynamic Freeform Array	9
Tatovonovohilitus	
Interoperability ——————	<u> </u>
New IGES Translator	<b>10-12</b> 10
	-
New IGES Translator Hoops 3DX Translators PDF Export Enhancements	10 10 10
New IGES Translator Hoops 3DX Translators PDF Export Enhancements Read Assembly Tree	10 10 10 11
New IGES Translator Hoops 3DX Translators PDF Export Enhancements Read Assembly Tree Autodesk Inventor 2011	10 10 10 11 11
New IGES Translator Hoops 3DX Translators PDF Export Enhancements Read Assembly Tree Autodesk Inventor 2011 ACIS 21	10 10 10 11 11 12 12
New IGES Translator Hoops 3DX Translators PDF Export Enhancements Read Assembly Tree Autodesk Inventor 2011 ACIS 21 PTC Wildfire 5	10 10 11 11 12 12 12
New IGES Translator Hoops 3DX Translators PDF Export Enhancements Read Assembly Tree Autodesk Inventor 2011 ACIS 21 PTC Wildfire 5 Dassault Systèmes Solidworks 2010	10 10 11 12 12 12 12
New IGES Translator Hoops 3DX Translators PDF Export Enhancements Read Assembly Tree Autodesk Inventor 2011 ACIS 21 PTC Wildfire 5	10 10 11 11 12 12 12

Minor Enhancements13	8-19
New Hoops Version 18.1	13
Added Tables To Structural Shapes	13
Improved Boolean Operations on Sheetbodies	13
Graphics Card Test Function	14
Cutting Plane Improvements	14
Clean Entities	15
Primitive Block Anchor Points	15
Merge Option For Solid Creation	15
Deform Curve	16
Dynamic Transform	16
Improved Fastener Washer & Nut Placement	17
Restyle Tolerance	17
Improved Instance & Section Scaling	18
Improved Auto-Label & Hole Table	18
Improved Layout Dialog	19

Kak



## 64-Bit

KeyCreator 2011 is the first fully 64-bit version of KeyCreator. Being 64-bit allows KeyCreator access to all of the memory resources on a PC - ignoring the 2-4 GB ceiling imposed by Windows on 32-bit programs. This Windows ceiling on 32-bit programs has effectively limited KeyCreator file size to around 200 MB for most users. That limit could be raised as high as 500 MB using special configurations or Windows 7 64-bit. KeyCreator 2011 file size is now only limited by the amount of memory available on the PC.

A 32-bit version of KeyCreator 2011 remains available for users not running a 64-bit version of Windows or with limited amounts of RAM (less than 4 GB).

#### **Desktop Composition Compatible**

KeyCreator 2011 is the first KeyCreator version to be fully compatible with the translucent toolbars which are part of the Aero style interface elements introduced in Windows Vista.



KeyCreator 2011 requires a new license which will enable the 64-bit and 32 bit versions

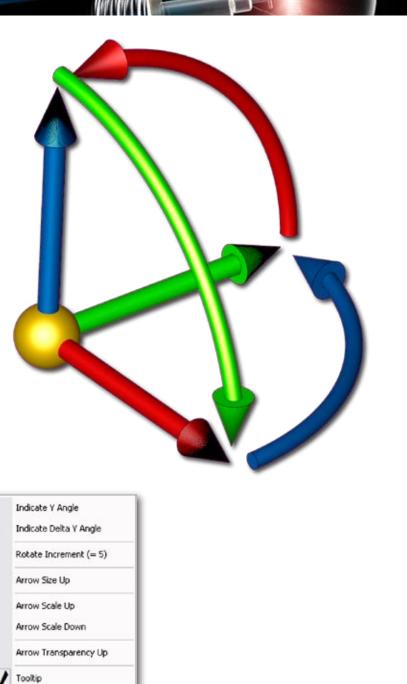
# Dynamic

#### 3D DynaHandle

- Redesigned shape
  - Improved selection
  - Improved control
  - Expanded Right Mouse Button Menu options (RMB)

	Indicate X Position Indicate X Offset
(a)	Indicate Delta X
	Align to Vector
	Align to Plane
	Align Move to Vector
	Align Move to Plane
	Mirror
	Translate Increment (= 0)
	Arrow Size Up
	Arrow Scale Up
	Arrow Scale Down
	Arrow Transparency Up
1	Tooltip

1	XForm
	Offset
	Indicate Z Position
	Indicate Z Offset
	Indicate Delta Z
	Align to Vector
	Align to Plane
	Align Move to Vector
	Align Move to Plane
	Translate Increment (= 0)
	Arrow Size Up
	Arrow Scale Up
	Arrow Scale Down
	Arrow Transparency Up
•	Tooltip

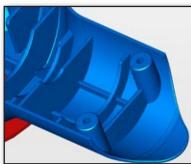


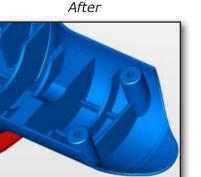
#### **Dynamic Modify Face**

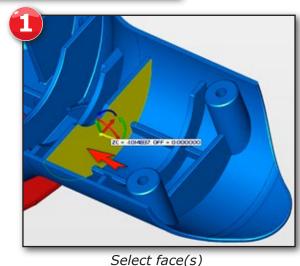
The new Dynamic Modify Face function provides an intuitive 3D DynaHandle for quickly modifying a set of selected faces. Offset or Transform option give this function multiple applications.

- Dynamic Push Pull freedom
- Position geometry precisely without worrying about constraints
- Ability to Add and Remove faces/features from modification
- Align DynaHandle to Vector/Plane
- Align selection to Vector/Plane

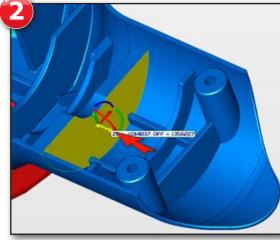
Before



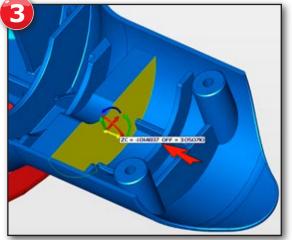




Dynamically moving a face example:



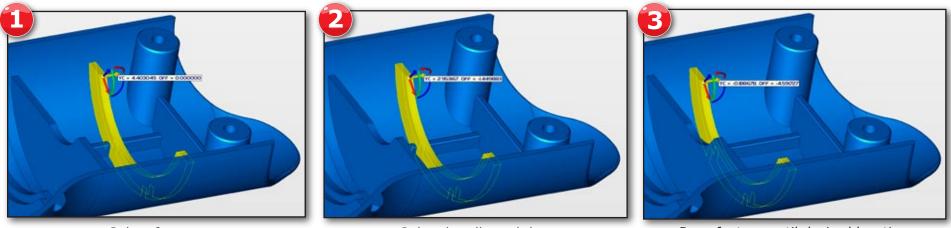
Select handle and drag



Drag face until desired thickness

#### **Dynamic Modify Face cont.**

Dynamically moving a feature:

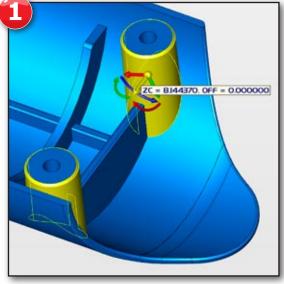


Select feature

Select handle and drag

Drag feature until desired location

#### Dynamically moving multiple faces of 2 features at the same time:



Select faces



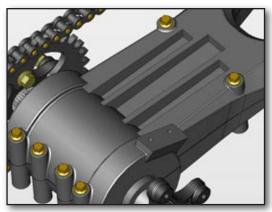
Select handle and drag



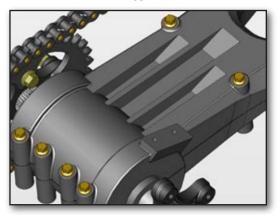
Drag faces until desired thickness

#### Dynamic Modify Face cont.

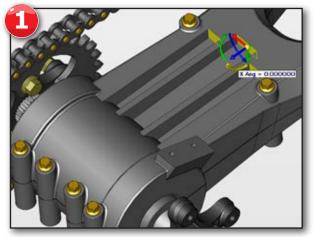
Before



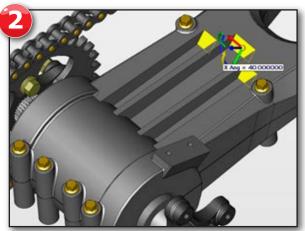
After



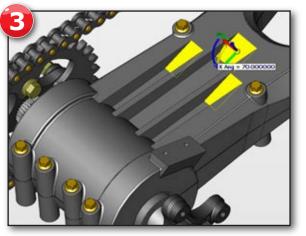
#### Dynamically change the angle of multiple faces example:



Select faces



Select handle to change angle and drag

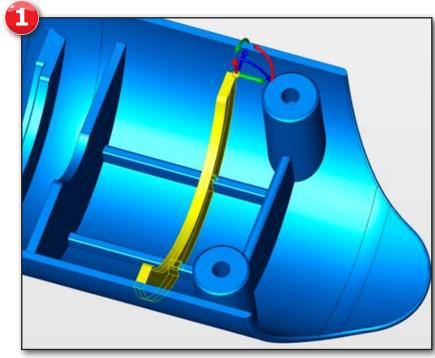


Drag faces until desired angle

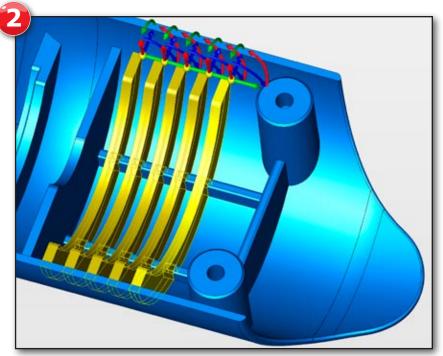
#### **Dynamic Linear Array**

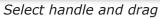
The new Dynamic Linear Array function provides the 3D DynaHandle for quickly creating copies of geometry.

- Modify any location dynamically
- Select any geometry to be transformed (Solids, wireframe, fasteners, etc.)
- Preview option toggle
- Freeform option to tweak individual DynaHandles



Select feature to copy

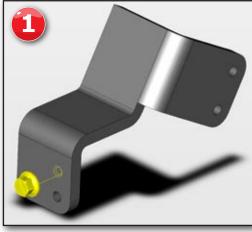




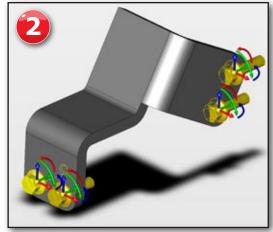
#### **Dynamic Freeform Array**

The new Dynamic Linear Array function provides the 3D DynaHandle for quickly coping geometry in any orientation or location dynamically.

- Modify any orientation/location dynamically
- Select any geometry to be transformed (Solids, wireframe, fasteners, etc.)
- Preview option toggle
- Manipulate any individual DynaHandle copy



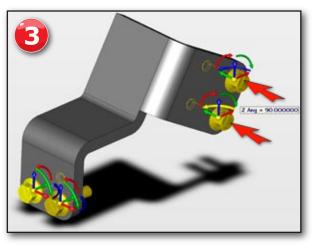
Select object to copy

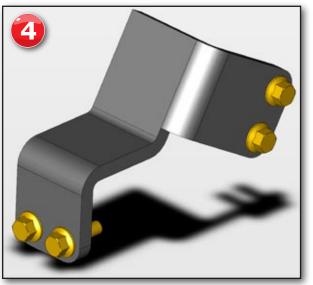


Place copies at desired locations

Once the object is at the new locations you can modify individual copies while still in the function.

(In this example the angle on the top 2 right bolts are changed)





Finished copies



#### **New IGES Translator**

- Import & Export
  - Adds support for PMI data, additional types of details, and special entity types such as cylinders and sphere

- Exports part references as an assembly
- Significantly improved file read and write times, handling of large files

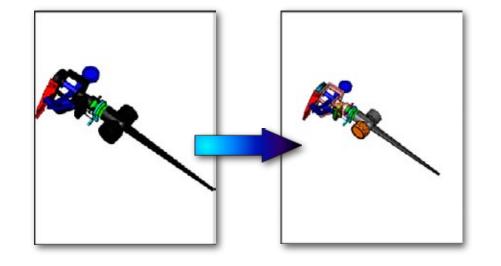
#### **Hoops 3DX Translators**

- Import
  - Product Manufacturing Information (PMI) with the 3D model
  - CATIA V5, I-DEAS, JT, NX (Unigraphics), Pro/ENGINEER, & SolidWorks

#### **PDF Export Enhancements**

- Both 2D & 3D
  - Margins Added (Top, Bottom, Left, Right)







#### **Read Assembly Tree**

The new Read Assembly Tree function finds the assembly structure of a selected file native or not. Displays the assembly tree in dialogue window ready for selection.

- Allows specific selection & opening of assembly items
- Works on non-native file format that support assemblies
- Reads in geometry on demand
- Load Children and Load All options

erence Name	Filename	Flename	Matrix Values	
@ MET97MH0050-1_11	MET97940050-1_11ckd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembly\MIT97M40050-1_11dxd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	í.
T MET97MH0050-1_11	MET97140050-1_11did	C: (Reis)(KeyCreator)Models)(KVT-parts)(Demo parts V9)(Test Assembly)(MET97MH0050-1_11clid	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	í.
B MET97M40050-1_11	MET97140050-1_11did	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembl/\MIT97M40050-1_11dxd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	1
1 MET97MH0050-1_12	MET97M40050-1_12ckd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembly\MIT97M40050-1_12did	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	I.
B MET97MH0050-1_13	MET97M40050-1_13ckd	C:(Reis)KeyCreator(Models)KVT-parts)Demo parts V9(Test Assembly)MIT97M40050-1_13clid	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	i.
· 1 MET97M40050-1_204	MIT97M40050-1_204dkd	C:(Reis)(CeyCreator(Models)(XVT-parts)(Demo parts VV)(Test Assembly)(MET97M40050-1_204ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	Ē
B MET97M40050-1_204_+	MET97M40050-1_204dkd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembly\MET97M40050-1_204ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	I.
T MIT97M40050-1	MET97M40050-1_209dkd	C:\Reis\Key-Creator\Models\KVT-parts\Demo parts V9\Test Assembly\MET97M40050-1_209ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	I.
B MIT97MH0050-1	MET97M40050-1_210dkd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembly\MET97M40050-1_210ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	Ē
@ MET97M40050-1	MET97940050-1_215dkd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembly\MET97M40050-1_215ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	I.
B MIT97MH0050-1	MET97140050-1_216dkd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9(Test Assembly\MIT97M40050-1_216ckd	[[1, 0, 0, 0][0, 1, 0, 0][0, 0, 1, 0][0, 0, 0, 1]]	I.
T MET97M40050-1	MET97940050-1_216dkd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembl/\MET97M40050-1_216ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	Ē
- 8 MIT97M40050-1	MET97M40050-1_216dtd	C:(Reis)KeyCreator(Modeis)KVT-parts)Demo parts VV(Test Assembl/(MET97M40050-1_216ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	ï
T MET97MH0050-1	MET97M40050-1_216dkd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembly\MET97M40050-1_216ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	Í.
B T MET97MH0050-1_204	MIT97M40050-1_204dkd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembly\MIT97M40050-1_204ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	ī
B MIT97MH0050-1	MIT97M40050-1_209dkd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembl/\MET97M40050-1_209club	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	i
B MIT97M40050-1	MIT97M40050-1_210dkd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembl/\MET97M40050-1_210ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	Í.
T MIT97MH0050-1	MIT97M40050-1_215dkd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembl/\MIT97M40050-1_215clid	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	I
- 8 MIT97M40050-1	MET97M40050-1_216dkd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembly\MIT97M40050-1_216ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	Ē
- T MET97M40050-1	MET97140050-1_216ckd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V%Test Assembly\MIT97M40050-1_216ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	I.
- 8 MIT97MH0050-1	MET97M40050-1_216dkd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembl/\MIT97M40050-1_216ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	I.
T MIT97M40050-1	MET97H40050-1_216ckd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembl/\HT97H40050-1_216ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	Į.
B MET97MH0050-1_204	MET97M40050-1_204dkd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembly\MIT97M40050-1_204ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	i
@ MIT97M40050-1	MIT97140050-1_209dkd	C: (Reis)KeyCreator/Models)KVT-parts/Demo parts V9(Test Assembly/MET97M40050-1_209ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	Í.
- 1 MIT97MM0050-1	MIT97M40050-1_210dkd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembly\MIT97M40050-1_210ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	I
B MIT97MH0050-1	MIT97M40050-1_215dkd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembly\MIT97M40050-1_215ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	I.
-B MIT97M40050-1		C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembly\MIT97M40050-1_216ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	I
T MIT97MH0050-1		C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembl/\MET97M40050-1_216ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	I.
B MIT97M40050-1		C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembly\MIT97M40050-1_216ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	J.
T MIT97M40050-1	MET97M40050-1_216dkd	C:\ReisijKeyCreator\Models\KVT-parts\Demo parts V9\Test Assembly\MIT97M40050-1_216ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	1
B MET97NH0050-1_204	MET97M40050-1_204dkd	C:\Reis KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembl/\MIT97M40050-1_204ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	ł
T MIT97MH0050-1		C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assenbly\WET97M40050-1_209ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	L
- 8 MET97MH0050-1		C:(Reis)KeyCreator(Models)KVT-parts)Demo parts V9(Test Assembly)MIT97M40050-1_210ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	I
B MIT97M40050-1		C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembly\MET97M40050-1_215ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	۰
T MIT97M40050-1	MET97M40050-1_216dkd	C:\Reis\KeyCreator\Models\KVT-parts\Demo parts V9\Test Assembly\MIT97M40050-1_216ckd	[[1, 0, 0, 0],[0, 1, 0, 0],[0, 0, 1, 0],[0, 0, 0, 1]]	
				3

#### Autodesk Inventor 2011

Support for the Inventor IPT and IAM file formats from Autodesk have been enhanced to read version 2011, the latest version of the format.

#### ACIS 21

Support for the ACIS SAT and SAB file formats from DS Spatial have been enhanced to read and write version 211, the latest version of the format.

#### **PTC Wildfire 5**

Support for PTC Wildfire has been enhanced to read version V5, the latest version of the format.

#### Dassault Systèmes Solidworks 2010

Support for Dassault Systèmes Solidworks has been enhanced to read version 2010, the latest version of the format.

#### **Dassault Systèmes CATIA V5 R20**

Support for Dassault Systèmes CATIA has been enhanced to read version 5 R20, the latest version of the format.

#### Siemens NX 7

Support for Siemens NX has been enhanced to read version 7, the latest version of the format.

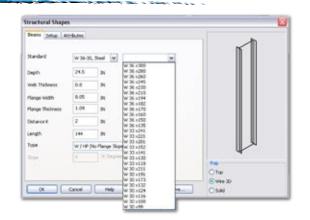
# Minor Enhancements

#### **New Hoops Version 18.1**

• Dramatically improved highlighting performance of individual faces

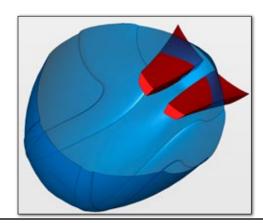
#### **Added Tables To Structural Shapes**

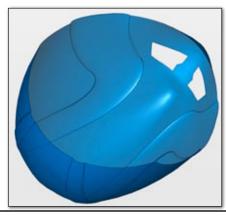
- Easy to use
- I-beams
- T-beams
- Channels



#### **Improved Boolean Operations on Sheetbodies**

- Greater flexibility
- More productive





#### **Graphics Card Test Function**

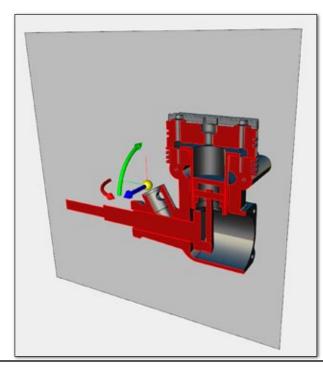
- •Runs a standalone test provided by TechSoft
- •Validates that the graphics card meets a minimum level of functionality to be considered supported
- •Runs test based on 2 Driver Types settings:
  - -Hardware OpenGL
  - -Direct3D
- •TechSoft internal graphic card test criteria independent of KeyCreator



#### **Cutting Plane Improvements**

- Undo/Redo Support
- Display On/Off Option
- Cut Edge and Cut Face Color Option

Transparent CPlane	
Cutting Plane/Section	
Cut Edge	
Cut Face	



#### **Clean Entities**

The new Clean Entities function searches the file for corrupted entities data and repairs them.

#### **Primitive Block Anchor Points**

- New anchor points options
  - 8 corners
  - 12 edge centers
  - 6 face centers & block center

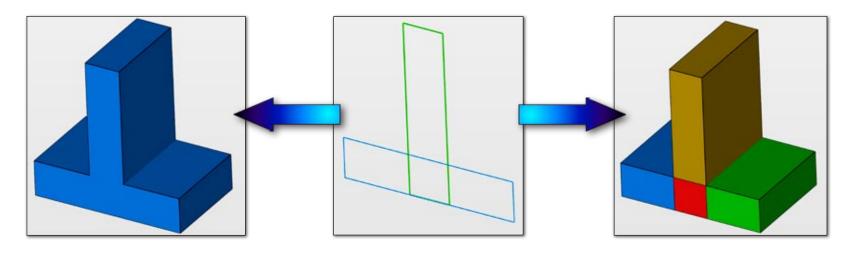
chor Positions	
• Corners of the block	
O Centers of the edges	

An

O Centers of the faces and block

#### **Merge Option For Solid Creation**

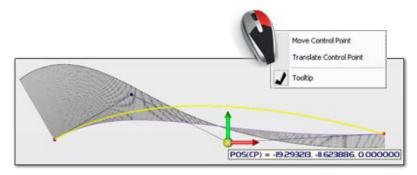
• New option for merge/unite behavior when creating a solid from multiple entities

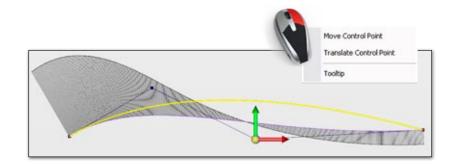


Chean I stiffing	
Entran to deal	1
(Calastian as a string loost)	-
CALetter in delived levels	Carol
Callettes at after load	198
Constant entities	
Owngates	
Comp waters	
Constant and and ports	
CAt angles and radia	
Chart conduster	
Chalana parta	
Calles antes	
Chaite parts	
Piles offsets	
Markey, rate to real with data	
Cofedina	
COation rates ( 1+111	
Address there	
Disease and self surface on the	
Traditionaries against	
Overge time and without all the loss states and	0.64
Charge (send attent level	
Contract the Characterian Intel	
Marriella Marriella	

#### **Deform Curve**

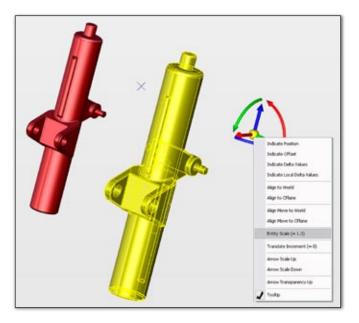
- DynaHandle normal vector turns off for easier manipulation
- RMB toggle for tool tip ON/OFF display for better control/visualization





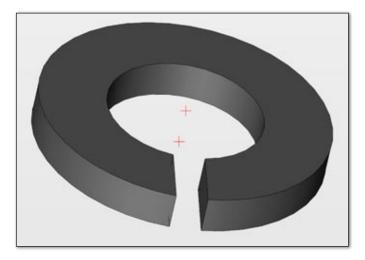
#### **Dynamic Transform**

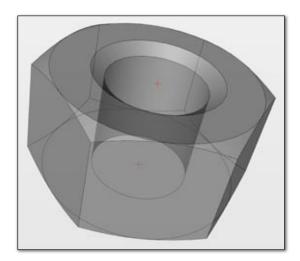
- RMB for Yellow Position sphere has a Scale option
- Enter scale value as you move/copy



#### **Improved Fastener Washer & Nut Placement**

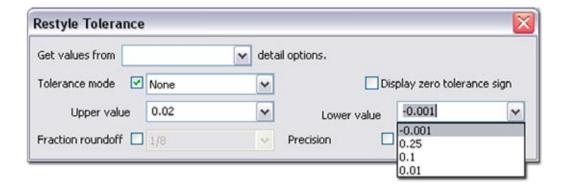
- Added placement toggle
  - Тор
  - Bottom





#### **Restyle Tolerance**

- Settings/Options are modal
  - Remembers new values in pull down menu



#### **Improved Instance & Section Scaling**

• Editing Section & Instance Scale options

Title	New Layout 1			~	ОК
Description	-				Cancel
Paper size	A	V Edt	Plasslav	paper border	Apply
Orientation	Horizontal	Overtical	Height	8.5	New
Units	Onm	() IN	Width	11	Rename
		Actual s	rale		Сору
	Drawing instar		M Save	Scale test heights of tagged entities	Load
	Drawing paper	r scale 1	v See		Delete
					Save
Border file		2011/CKD/Borders/A	porated		Help
(test heig	tail options from b pht and arrow size	order file s will be scaled by the	Paper Scale)		
Level		Leve	Iname		

Section view	Visible Line Attr	Exterior Line A	ttr Hatch Attr	Format	
Label				SECTION	
Projected k	cation	1	icale		
Show Scale	Note	5	cale text height	s of tagged en	enes [
Craw XHat	tring			Define Pat	tern
Partial view					-
Draw visibi	e lines behind out	ting plane			
Draw Te	ngent lines				
Amociativity					
	scally reprocess	in Layout Mode			_
Automa	100 C 100 C 100 C	in Layout Mode	ut any updating	17	
Automa     Oreate	100 C 100 C 100 C		ut any updating		
Automa     Oreate	ndvidual wirefra		ut any updating		
Automa     Oreate     Plats     Solids     Solids	ndividual wirefra en geometry	me entities witho	ut any updating	Add Solids to	O.t
Automa     O Create     Plata     Solids	ndividual wirefra en geometry	me entities witho	ut any updating	Add Solids to	
Automa     Oreate     Plats     Solids     Solids	ndividual wirefra en geometry	me entities witho	ut any updating		
Automa     Oreate     Plats     Solids     Solid	ndividual wirefra en geometry	me entities witho		Add Solids to	Vietw

#### Improved Auto-Label & Hole Table

- Switching standards used in Autolabel
- Sorting column improved
- Target & distance boxes added

Standard Setup Attributes	Skandard STD1 #Clarrent# STD2 STD4 STD5 STD6	
		Ø 15.000 THRU 1 HOLE
		# Holes 1

Hole table     Header formatting     Attributes     Body formatting	Table type	Diameter	Sort group sizes	ascending
	Primary sort value	X col	Ascending	
Attributes	Secondary sort value	Y col	Ascending	
Grid-Lines	Starting letter	A	Blank row betwee	en groups
Primary units	Hole label angle	135	Add Target at ta	ble origin
	Hole label distance	100	Label distance as	s % hole radius
	Hole (Fr. 0.1 0.	om X 1 0.1	Y Z 0.1 0.1	Depth Size 0.1 0.1
	Column spacing	1	Row spacing	1

#### **Improved Layout Dialog**

- Reorganized
- Easier to use
  - Paper border
  - Actual and Best-fit scales
  - Primary instance button enhanced

litle	New Layout 2				ОК
Description					Cancel
aper size	A	✓ Edt		paper border	Apply
Orientation	Horizontal     Vertical		Height	8.5	New
Units	Omm OIN		Width	11	Rename
Manually scale instances and paper Actual scale     Best-fit scale				Best-fit scale	Сору
• Keep draw	wing instance scale 1.0	1	v Save	1.10718	Load
OKeep drawing paper scale 1.0		2	✓ Save	1.80639	Delete
					Save
Border file	C:\//eyCreator2011\/CK	D\Borders\A_ho	az.dkd		Help
	tail options from border fil ght and arrow sizes will be		aper Scale)		_
Level	1000	Level n	ame		
2	<<1	lide Quick Drawi	ing Instance C	ontrols	
Drawing instanc	e 3 instances/ right-upper	-	Save	HLR. Setting	อ
pattern		0		O Burst drav	_
		5		<ul> <li>Drawing in</li> </ul>	nstances
		5		O Empty dra	
				Add isome	
				HLR Set	ungs



Kubotek USA, Inc.2 Mount Royal Ave. Suite 500, Marlborough, MA 01752Toll-free: 800-372-3872www.kubotekusa.com

©Copyright 2010 Kubotek Corporation. All rights reserved. Kubotek, KeyCreator, CADKEY, and Validation Tool are trademarks or registered trademarks of Kubotek Corporation in the USA and/or other countries. All other names mentioned herein are either trademarks or registered trademarks of their respective owners. KCWN-V2011